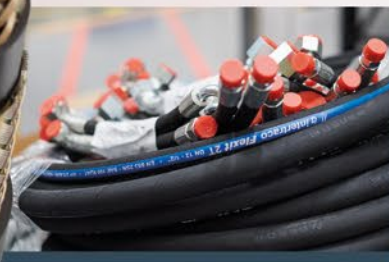


Pearson  
hydraulics



## HOSE CATALOGUE

HYDRAULICS • POWER WASH • WATERBLAST & MORE



 **intertraco**



# Pearson hydraulics

With six decades of heritage, established in 1964, Pearson Hydraulics has been innovating in the fluid power industry. We celebrated our 60th year in the Fluid Power Industry in June 2024.

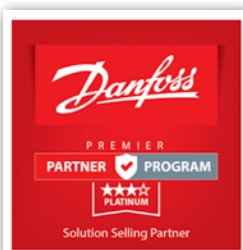


We are proud to conduct business from our purpose built 40,000 sq. ft head office, complete with full workshop facilities. This enables us to offer local, national and international customers an extensive range of distributor products and services from simple components

to full electro-hydraulic projects. We also operate branches in Grantham, Norwich, and Gateshead, along with multiple 24 hour service mobile repair vans for our local customers.

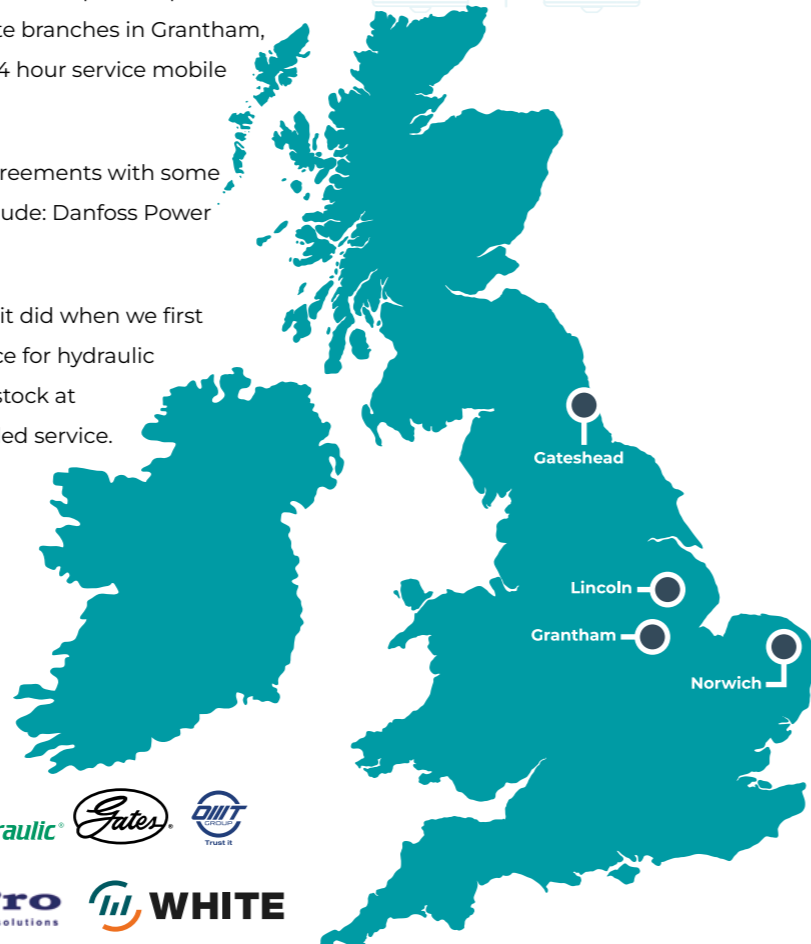
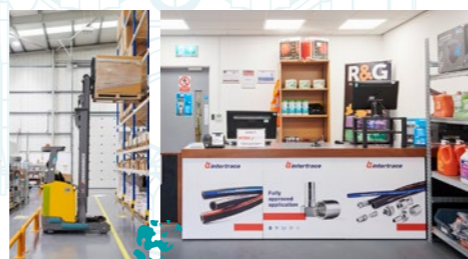
Pearson Hydraulics have secured distributor agreements with some of the major industry manufacturers which include: Danfoss Power Solutions, OMT, Intertraco and White Drive.

Our company philosophy remains the same as it did when we first began; we strive to be the customers' first choice for hydraulic components, delivering quality products from stock at competitive prices & complemented by unrivalled service.



01522 846846 sales@pearson-hyds.co.uk

A PART OF  
**R&G**  
FLUID POWER GROUP



## Our Services

### Asset Management

Planned Preventive Maintenance and Servicing, using data to drive budget and maintenance schedules, managing your hydraulic assets to keep your productivity going, reducing the need for unplanned downtime or critical failure. Full reporting suite to ensure your business complies with health and safety regulations, access within seconds to hoses, pumps, motors, filters, accumulators including PSSR written schemes.

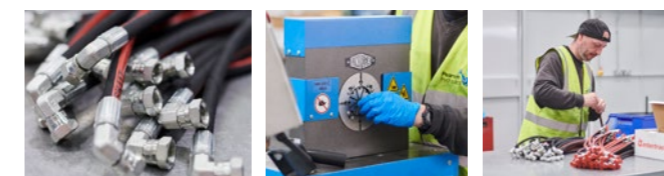
### Bespoke Engineering

Made-to-measure Hydraulic systems, including large scale Hydraulic Power Units and Test Rigs. From customer specification, our technical team can design, procure, build, test and install your bespoke hydraulic system.



Industries we served for these bespoke hydraulic system have been Industrial, Mobile Machinery, Marine and Offshore.

An example commissioning of a hydraulic system was to design, build and install hydraulic and electrical power and control systems for the "buttress formwork traveller" which is a system developed to cast an 800-metre-long mass concrete sea wall. The wall was cast in a series of individual 'buttresses', and the concrete was poured between tides. Our technical engineers designed and built a hydraulic power unit and integrated control panel.



### Hydraulic Hose Assembly

We have an over the counter service at each of our branches, you can bring your hose in and we'll make you a new one while you wait. We are open from 8am to 4.30pm, Monday to Friday. We stock an extensive range of products for hydraulic repairs.

www.pearson-hyds.co.uk



### Emergency 24/7 hydraulic on-site service

For emergency on-site hose replacement, we have a hydraulic breakdown service just call:  
**Lincoln 07808 777 147** or  
**Gateshead 0191 482 2511** any time.

### Technical Training Centre

In April 2024 R&G Fluid Power Group, unveiled their Technical Training Centre. Which is located at our Pearson Hydraulics head office and National Distribution Centre in Lincoln. Accredited by the British Fluid Power Association (BFPA), this training centre was developed to ensure the standard of training across the group and as a service provider are the best in the field.



# HOSE SELECTION CHART

BY MAXIMUM WORKING PRESSURE - **BAR**

KEY: ■ 210 bar / 3000 psi ■ 280 bar / 4000psi ■ 350 bar / 5000psi ■ 420 bar / 6000 psi

|                       | HOSE SIZE              | INTERTRACO HOSE TYPE | HOSE STANDARD   | MAXIMUM WORKING PRESSURE - BAR  |      |       |      |       |      |      |      |      |     |        |        |     |        |     |     |   |
|-----------------------|------------------------|----------------------|---|---|------|-------|------|-------|------|------|------|------|-----|--------|--------|-----|--------|-----|-----|---|
|                       |                        |                      |   | ø mm  | 3    | 5     | 6    | 8     | 10   | 12   | 16   | 19   | 25  | 31     | 38     | 51  | 63     | 76  | 102 |   |
|                       |                        |                      |   | ø inch  | 1/8" | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 1"  | 1.1/4" | 1.1/2" | 2"  | 2.1/2" | 3"  | 4"  |   |
| size                  | -02                    | -03                  | -04   | -05   | -06  | -08   | -10  | -12   | -16  | -20  | -24  | -32  | -40 | -48    | -64    |     |        |     |     |   |
| WIRE BRAID HOSE RANGE | -03 / -48              | R1T                  | EN 853 1SN / SAE 100 R1AT   |   |      | 250   | 225  | 215   | 180  | 160  | 130  | 105  | 88  | 63     | 50     | 40  | 40     | 35  |     |   |
|                       | -03 / -48              | R2T                  | EN 853 2SN / SAE 100 R2AT   |   |      | 415   | 400  | 350   | 330  | 275  | 250  | 215  | 165 | 125    | 90     | 80  | 69     | 50  |     |   |
|                       | -04 / -32              | ULTIMATE 1SN         | EN 853 1SN / SAE 100 R1AT   |   |      |       | 225  | 215   | 180  | 160  | 130  | 105  | 88  | 63     | 50     | 40  |        |     |     |   |
|                       | -04 / -32              | ULTIMATE 2SN         | EN 853 2SN / SAE 100 R2AT   |   |      |       | 400  | 350   | 330  | 275  | 250  | 215  | 165 | 125    | 90     | 80  |        |     |     |   |
|                       | -04 / -16              | 1SC                  | EN 857 1SC (all sizes) / SAE 100 R17 (sizes -04 / -08)  |   |      |       | 225  | 215   | 210  | 210  | 140  | 105  | 88  |        |        |     |        |     |     |   |
|                       | -04 / -20              | FLEXIT SK117         | Meets or exceeds EN 857 1SC (all sizes) / SAE 100 R17 (sizes -04 / -08)                         |   |      |       | 290  | 250   | 230  | 210  | 140  | 105  | 88  | 100    |        |     |        |     |     |   |
|                       | -04 / -48              | 2SC                  | EN 857 2SC / SAE 100 R16  |   |      |       | 400  | 350   | 350  | 280  | 250  | 250  | 165 |        | 100    | 90  | 70     | 70  |     |   |
|                       | -04 / -20              | FLEXIT SK216         | Exceeds EN 857 2SC (all sizes) / SAE 100 R17 (sizes -10 / -16)                                  |   |      |       | 450  | 420   | 385  | 350  | 290  | 280  | 230 | 175    |        |     |        |     |     |   |
|                       | -04 / -20              | FLEXIT SK216-L       | Exceeds EN 857 2SC (all sizes) / SAE 100 R17 (sizes -10 / -16)                                  |   |      |       | 450  | 420   | 385  | 345  | 290  | 280  | 230 | 175    |        |     |        |     |     |   |
|                       | -04 / -16              | FLEXIT SK119-SK219   | Meets or exceeds SAE 100 R19  |   |      |       | 290  |       | 350  | 280  | 290  | 280  | 280 |        |        |     |        |     |     |   |
|                       | -06 / -16              | FLEXIT 3T            | Forestry hose   |   |      |       |      |       |      | 500  | 470  | 375  | 310 |        |        |     |        |     |     |   |
|                       | -03 / -08              | FLEXIT PT            | Pilot hose  |   |      | 125   | 125  | 125   | 125  | 125  |      |      |     |        |        |     |        |     |     |   |
|                       | -04 / -06              | POWERJACK            | High pressure hose for static Jack application  |   |      |       | 700  |       | 700  |      |      |      |     |        |        |     |        |     |     |   |
|                       | -12 / -64              | FLEXIT XF-R4         | SAE 100 R4  |   |      |       |      |       |      |      |      |      | 21  | 17     | 14     | 10  | 7      | 5   | 5   | 5 |
|                       | -06 / -16              | FLEXIT 4SF+          | ISO 18752 / Exceeds SAE 100 R15   |   |      |       |      |       |      | 420  | 420  | 420  | 420 | 420    |        |     |        |     |     |   |
|                       | -10 / -40              | BRIDGESTONE 4ST      | ISO 18752 (all sizes) / exceeds EN 856 4SH (sizes -20 / -32)                                    |   |      |       |      |       |      |      |      | 350  | 350 | 350    | 350    | 300 | 250    | 140 |     |   |
|                       | -06 / -20              | BRIDGESTONE 4ST+     | ISO 18752 / Exceeds SAE 100 R15   |   |      |       |      |       |      | 450  | 420  | 420  | 420 | 420    | 420    |     |        |     |     |   |
|                       | -20 / -40              | BRIDGESTONE 6ST      | ISO 18752 / Exceeds SAE 100 R15   |   |      |       |      |       |      |      |      |      |     |        | 420    | 420 | 420    | 350 |     |   |
|                       | -06 / -16              | BRIDGESTONE 4SF+     | ISO 18752 / Exceeds SAE 100 R15   |   |      |       |      |       |      | 420  | 420  | 420  | 420 | 420    | 420    |     |        |     |     |   |
|                       | R-04 / R-32*           | FLEXIT R5            | SAE 100 R5  |   |      |       | 210  | 210   | 155  | 140  | 122  | 105  | 56  | 43     | 35     | 24  |        |     |     |   |
|                       | -04 / -16              | FLEXIT R6            | SAE 100 R6  |   |      |       | 28   | 28    | 28   | 28   | 24   | 21   | 20  |        |        |     |        |     |     |   |
|                       | -03 / -16              | FLEXIT T7            | Meets or exceeds ISO 3949 R7 and SAE 100 R7   |   |      | 210   | 200  | 190   | 175  | 140  | 105  | 90   | 70  |        |        |     |        |     |     |   |
|                       | -02 / -08              | FLEXIT T8            | Meets or exceeds ISO 3949 R8 and SAE 100 R8   |   | 420  | 350   | 350  | 325   | 280  | 245  |      |      |     |        |        |     |        |     |     |   |
|                       | -02 / -16              | FLEXIT T14           | R14   |   | 275  | 200   | 175  | 150   | 135  | 120  | 100  | 90   | 65  |        |        |     |        |     |     |   |
|                       | -03 / -08              | FLEXIT T18           | Meets or exceeds ISO 3949 R18 and SAE 100 R18   |   |      | 250   | 250  | 250   | 250  | 210  |      |      |     |        |        |     |        |     |     |   |
|                       | -04 / -08              | FLEXIT JW1K          | Jet wash hose - 1 wire braid  |   |      |       | 250  | 250   | 250  | 250  |      |      |     |        |        |     |        |     |     |   |
|                       | -04 / -08              | FLEXIT JW2K          | Jet wash hose - 2 wire braids   |   |      |       | 400  | 400   | 400  | 400  |      |      |     |        |        |     |        |     |     |   |
|                       | WIRE SPIRAL HOSE RANGE | -04 / -32            | FLEXIT SHP  | Meets or exceeds EN 856 4SP (sizes -04 / -16) and SAE 100 R12 (sizes -06 / -32) |      |       | 450  |       | 450  | 420  | 350  | 350  | 320 | 210    | 210    | 210 |        |     |     |   |
| -10 / -32             |                        | FLEXIT H4            | EN 856 4SH  |   |      |       |      |       |      | 450  | 420  | 380  | 350 | 300    | 250    |     |        |     |     |   |
| -10 / -48             |                        | FLEXIT 5000          | ISO 18752 - class 350 (all sizes) / SAE 100 R13 and EN 856 R13 (sizes -16 and -32)              |   |      |       |      |       |      | 380  | 380  | 350  | 350 | 350    | 350    | 350 | 350    |     |     |   |
| -06 / -32             |                        | FLEXIT 6000          | SAE 100 R15 / ISO 18752 - class 420   |   |      |       |      |       | 420  | 420  | 420  | 420  | 420 | 420    | 420    | 420 |        |     |     |   |
| -10 / -32             |                        | FLEXIT 4ST           | Exceeds EN 856 4SP (all sizes) / SAE 100 R12 (sizes -10 / -16) and EN 856 4SH (sizes -20 / -32) |   |      |       |      |       |      | 350  | 350  | 350  | 350 | 300    | 250    |     |        |     |     |   |
| -06 / -20             |                        | FLEXIT 4ST+          | Exceeds SAE 100 R15   |   |      |       |      |       | 450  | 420  | 420  | 420  | 420 | 420    |        |     |        |     |     |   |
| -20 / -32             |                        | FLEXIT 6ST           | Exceeds SAE 100 R15   |   |      |       |      |       |      |      |      |      |     | 450    | 420    | 420 |        |     |     |   |
| -04 / -16             |                        | FLEXIT WB1           | Waterblast hose   |   |      |       | 800  |       | 800  | 800  |      | 700  | 700 |        |        |     |        |     |     |   |
| -06 / -12             |                        | FLEXIT WB2           | Waterblast hose   |   |      |       |      |       | 1250 | 1100 |      | 1000 |     |        |        |     |        |     |     |   |
| -06 / -12             |                        | FLEXIT WB3           | Waterblast hose   |   |      |       |      |       | 1400 | 1450 |      | 1350 |     |        |        |     |        |     |     |   |

\* R5 hoses follow different nominal bore

# HOSE SELECTION CHART

BY MAXIMUM WORKING PRESSURE - **PSI**

KEY: ■ 210 bar / 3000 psi ■ 280 bar / 4000psi ■ 350 bar / 5000psi ■ 420 bar / 6000 psi

|                       | HOSE SIZE              | INTERTRACO HOSE TYPE | HOSE STANDARD   | MAXIMUM WORKING PRESSURE - PSI  |      |       |       |       |       |      |       |       |      |        |        |      |        |      |     |
|-----------------------|------------------------|----------------------|---|---|------|-------|-------|-------|-------|------|-------|-------|------|--------|--------|------|--------|------|-----|
|                       |                        |                      |   | ø mm  | 3    | 5     | 6     | 8     | 10    | 12   | 16    | 19    | 25   | 31     | 38     | 51   | 63     | 76   | 102 |
|                       |                        |                      |   | ø inch  | 1/8" | 3/16" | 1/4"  | 5/16" | 3/8"  | 1/2" | 5/8"  | 3/4"  | 1"   | 1.1/4" | 1.1/2" | 2"   | 2.1/2" | 3"   | 4"  |
|                       | size                   | -02                  | -03   | -04   | -05  | -06   | -08   | -10   | -12   | -16  | -20   | -24   | -32  | -40    | -48    | -64  |        |      |     |
| WIRE BRAID HOSE RANGE | -03 / -48              | R1T                  | EN 853 1SN / SAE 100 R1AT   |   |      | 3600  | 3250  | 3100  | 2600  | 2300 | 1900  | 1500  | 1250 | 920    | 725    | 580  | 580    | 500  |     |
|                       | -03 / -48              | R2T                  | EN 853 2SN / SAE 100 R2AT   |   |      | 6000  | 5800  | 5000  | 4800  | 4000 | 3600  | 3100  | 2400 | 1800   | 1300   | 1150 | 1000   | 725  |     |
|                       | -04 / -32              | ULTIMATE 1SN         | EN 853 1SN / SAE 100 R1AT   |   |      |       | 3250  | 3100  | 2600  | 2300 | 1900  | 1500  | 1250 | 920    | 725    | 580  |        |      |     |
|                       | -04 / -32              | ULTIMATE 2SN         | EN 853 2SN / SAE 100 R2AT   |   |      |       | 5800  | 5000  | 4800  | 4000 | 3600  | 3100  | 2400 | 1800   | 1300   | 1150 |        |      |     |
|                       | -04 / -16              | 1SC                  | EN 857 1SC (all sizes) / SAE 100 R17 (sizes -04 / -08)  |   |      |       | 3250  | 3100  | 3000  | 3000 | 2000  | 1500  | 1250 |        |        |      |        |      |     |
|                       | -04 / -20              | FLEXIT SK117         | Meets or exceeds EN 857 1SC (all sizes) / SAE 100 R17 (sizes -04 / -08)                         |   |      |       | 4200  | 3600  | 3300  | 3000 | 2000  | 1500  | 1250 | 1430   |        |      |        |      |     |
|                       | -04 / -48              | 2SC                  | EN 857 2SC / SAE 100 R16  |   |      |       | 5800  | 5000  | 5000  | 4000 | 3600  | 3600  | 2400 |        | 1450   | 1300 | 1000   | 1000 |     |
|                       | -04 / -20              | FLEXIT SK216         | Exceeds EN 857 2SC (all sizes) / SAE 100 R17 (sizes -10 / -16)                                  |   |      |       | 6500  | 6000  | 5500  | 5000 | 4200  | 4000  | 3300 | 2540   |        |      |        |      |     |
|                       | -04 / -20              | FLEXIT SK216-L       | Exceeds EN 857 2SC (all sizes) / SAE 100 R17 (sizes -10 / -16)                                  |   |      |       | 6500  | 6000  | 5500  | 5000 | 4200  | 4000  | 3300 | 2540   |        |      |        |      |     |
|                       | -04 / -16              | FLEXIT SK119-SK219   | Meets or exceeds SAE 100 R19  |   |      |       | 4200  |       | 5000  | 4000 | 4200  | 4200  | 4200 |        |        |      |        |      |     |
|                       | -06 / -16              | FLEXIT 3T            | Forestry hose   |   |      |       |       |       | 7200  | 6800 | 5400  | 4500  |      |        |        |      |        |      |     |
|                       | -03 / -08              | FLEXIT PT            | Pilot hose  |   |      | 1800  | 1800  | 1800  | 1800  | 1800 |       |       |      |        |        |      |        |      |     |
|                       | -04 / -06              | POWERJACK            | High pressure hose for static Jack application  |   |      |       | 10000 |       | 10000 |      |       |       |      |        |        |      |        |      |     |
|                       | -12 / -64              | FLEXIT XF-R4         | SAE 100 R4  |   |      |       |       |       |       |      |       | 300   | 250  | 200    | 150    | 100  | 70     | 70   | 70  |
|                       | -06 / -16              | FLEXIT 4SF+          | ISO 18752 / Exceeds SAE 100 R15   |   |      |       |       |       | 6000  | 6000 | 6000  | 6000  | 6000 |        |        |      |        |      |     |
|                       | -10 / -40              | BRIDGESTONE 4ST      | ISO 18752 (all sizes) / exceeds EN 856 4SH (sizes -20 / -32)                                    |   |      |       |       |       |       |      | 5000  | 5000  | 5000 | 5000   | 4350   | 3600 | 2000   |      |     |
|                       | -06 / -20              | BRIDGESTONE 4ST+     | ISO 18752 / Exceeds SAE 100 R15   |   |      |       |       |       | 6500  | 6000 | 6000  | 6000  | 6000 | 6000   |        |      |        |      |     |
|                       | -20 / -40              | BRIDGESTONE 6ST      | ISO 18752 / Exceeds SAE 100 R15   |   |      |       |       |       |       |      |       |       |      | 6000   | 6000   | 6000 | 5000   |      |     |
|                       | -06 / -16              | BRIDGESTONE 4SF+     | ISO 18752 / Exceeds SAE 100 R15   |   |      |       |       |       | 6000  | 6000 | 6000  | 6000  | 6000 | 6000   |        |      |        |      |     |
|                       | R-04 / R-32*           | FLEXIT R5            | SAE 100 R5  |   |      | 3000  | 3000  | 2250  | 2000  | 1750 | 1500  | 800   | 625  | 500    | 350    |      |        |      |     |
|                       | -04 / -16              | FLEXIT R6            | SAE 100 R6  |   |      | 400   | 400   | 400   | 400   | 350  | 300   | 290   |      |        |        |      |        |      |     |
|                       | -03 / -16              | FLEXIT T7            | Meets or exceeds ISO 3949 R7 and SAE 100 R7   |   |      | 3000  | 2900  | 2750  | 2500  | 2000 | 1500  | 1300  | 1000 |        |        |      |        |      |     |
|                       | -02 / -08              | FLEXIT T8            | Meets or exceeds ISO 3949 R8 and SAE 100 R8   |   | 6000 | 5000  | 5000  | 4700  | 4000  | 3500 |       |       |      |        |        |      |        |      |     |
|                       | -02 / -16              | FLEXIT T14           | R14   |   | 4000 | 2900  | 2500  | 2200  | 2000  | 1750 | 1450  | 1300  | 950  |        |        |      |        |      |     |
|                       | -03 / -08              | FLEXIT T18           | Meets or exceeds ISO 3949 R18 and SAE 100 R18   |   |      | 3600  | 3600  | 3600  | 3600  | 3000 |       |       |      |        |        |      |        |      |     |
|                       | -04 / -08              | FLEXIT JW1K          | Jet wash hose - 1 wire braid  |   |      |       | 3600  | 3600  | 3600  | 3600 |       |       |      |        |        |      |        |      |     |
|                       | -04 / -08              | FLEXIT JW2K          | Jet wash hose - 2 wire braids   |   |      |       | 5800  | 5800  | 5800  | 5800 |       |       |      |        |        |      |        |      |     |
|                       | WIRE SPIRAL HOSE RANGE | -04 / -32            | FLEXIT SHP  | Meets or exceeds EN 856 4SP (sizes -04 / -16) and SAE 100 R12 (sizes -06 / -32) |      |       | 6500  |       | 6500  | 6000 | 5000  | 5000  | 4600 | 3000   | 3000   | 3000 |        |      |     |
| -10 / -32             |                        | FLEXIT H4            | EN 856 4SH  |   |      |       |       |       |       | 6500 | 6000  | 5500  | 5000 | 4300   | 3600   |      |        |      |     |
| -10 / -48             |                        | FLEXIT 5000          | ISO 18752 - class 350 (all sizes) / SAE 100 R13 and EN 856 R13 (sizes -16 and -32)              |   |      |       |       |       |       | 5500 | 5500  | 5000  | 5000 | 5000   | 5000   | 5000 | 5000   |      |     |
| -06 / -32             |                        | FLEXIT 6000          | SAE 100 R15 / ISO 18752 - class 420   |   |      |       |       | 6000  | 6000  | 6000 | 6000  | 6000  | 6000 | 6000   | 6000   |      |        |      |     |
| -10 / -32             |                        | FLEXIT 4ST           | Exceeds EN 856 4SP (all sizes) / SAE 100 R12 (sizes -10 / -16) and EN 856 4SH (sizes -20 / -32) |   |      |       |       |       |       | 5000 | 5000  | 5000  | 5000 | 4350   | 3600   |      |        |      |     |
| -06 / -20             |                        | FLEXIT 4ST+          | Exceeds SAE 100 R15   |   |      |       |       | 6500  | 6000  | 6000 | 6000  | 6000  | 6000 |        |        |      |        |      |     |
| -20 / -32             |                        | FLEXIT 6ST           | Exceeds SAE 100 R15   |   |      |       |       |       |       |      |       |       |      | 6500   | 6000   | 6000 |        |      |     |
| -04 / -16             |                        | FLEXIT WB1           | Waterblast hose   |   |      | 11500 |       | 11500 | 11500 |      | 10000 | 10000 |      |        |        |      |        |      |     |
| -06 / -12             |                        | FLEXIT WB2           | Waterblast hose   |   |      |       |       | 18000 | 16000 |      | 14500 |       |      |        |        |      |        |      |     |
| -06 / -12             |                        | FLEXIT WB3           | Waterblast hose   |   |      |       |       | 20000 | 21000 |      | 19500 |       |      |        |        |      |        |      |     |

\* R5 hoses follow different nominal bore



## **WARNING**

Intertraco products are part of an engineered hose and fittings system which must be assembled and used in accordance with Intertraco instructions and limitations.

Intertraco hoses must be used for applications in accordance with the international standards SAE, ISO, EN, DIN, BS, UNI and in accordance to specific Intertraco instructions. Any other use is strictly prohibited.

Intertraco hose assemblies, covered by DNV and ABS certifications, must be used in accordance with these standards. **Any other use is strictly prohibited.**

Failure to follow Intertraco instructions and limitations could lead to premature hose or hose assemblies failure resulting in property damage, serious injury or death.

Intertraco's limited warranty shall apply only if the customer uses hose and couplings specifically engineered and produced to Intertraco process specifications.

Intertraco disclaims any responsibility or liability for any hose assembly not produced from genuine Intertraco hose and couplings, in conformance with Intertraco process specifications for each specific hose assembly.

Intertraco does not identify all the end users of its products so that cannot distribute to these end users the product safety and use information. Therefore, we must rely on the sellers and distributors of Intertraco products to provide a copy of this warning and precautions to all the end users.

It is not allowed to select or use hose and couplings without reading this warning, the precautions on the pages 41 - 43 & the specific instructions contained into hose data sheets.

When selecting a compatible fitting series please always make reference to the Intertraco hose and fittings compatibility chart and assembling instructions.

For fittings details please make reference to Intertraco fittings catalogues.

Please refer to our crimping chart for more detailed application data.

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|               |                     |                  | ULTIMATE 1SN                                | One wire braid high temperature hose | 12             |                                     |    |
|               |                     |                  | ULTIMATE 2SN                                | Two wire braid high temperature hose | 13             |                                     |    |
|               |                     |                  | 1SC   | One wire braid compact hose          | 14             |                                     |    |
|               |                     |                  | FlexIT SK117                                | One wire braid compact hose          | 15             |                                     |    |
|               |                     |                  | 2SC   | Two wire braid compact hose          | 16             |                                     |    |
|               |                     |                  | FlexIT SK216                                | Two wire braid compact hose          | 17             |                                     |    |
|               |                     |                  | FlexIT SK216-L                              | Two wire braid compact hose          | 18             |                                     |    |
|               |                     |                  | FlexIT SK119-SK219                          | One or two wire braid compact hose   | 19             |                                     |    |
|               |                     |                  | FlexIT 3T                                   | Three wire braid compact hose        | 20             |                                     |    |
|               |                     |                  | FlexIT PT                                   | One wire braid hose                  | 21             |                                     |    |
|               |                     |                  | PowerJack                                   | Two wire braid compact hose          | 22             |                                     |    |
|               |                     |                  | FlexIT SHP                                  | Four wire spiral hose                | 23             |                                     |    |
|               |                     |                  | FlexIT H4                                   | Four wire spiral hose                | 24             |                                     |    |
|               |                     |                  | FlexIT 5000                                 | Four or six wire spiral hose         | 25             |                                     |    |
|               |                     |                  | FlexIT 6000                                 | Four or six wire spiral hose         | 26             |                                     |    |
|               |                     |                  | FlexIT X5000                                | Four wire spiral hose                | 27             |                                     |    |
|               |                     |                  | FlexIT X6000                                | Four or six wire spiral hose         | 28             |                                     |    |
|               |                     | Intertraco 4ST   | Four wire spiral thin cover hose            | 29                                   |                |                                     |    |
|               |                     | Intertraco 4ST+  | Four wire spiral thin cover hose            | 30                                   |                |                                     |    |
|               |                     | Intertraco 6ST   | Six wire spiral thin cover hose             | 31                                   |                |                                     |    |
|               |                     | FlexIT XF-R4     | One helical wire and two textile braid hose | 32                                   |                |                                     |    |
|               |                     | FlexIT 4SF+      | Four wire spiral thin cover hose            | 33                                   |                |                                     |    |
|               |                     | Bridgestone 4ST  | Four wire spiral thin cover hose            | 34                                   |                |                                     |    |
|               |                     | Bridgestone 4ST+ | Four wire spiral thin cover hose            | 35                                   |                |                                     |    |
|               |                     | Bridgestone 6ST  | Six wire spiral thin cover hose             | 36                                   |                |                                     |    |
|               |                     | Bridgestone 4SF+ | Four wire spiral thin cover hose            | 37                                   |                |                                     |    |
|               |                     |                  |   | TEXTILE & WIRE BRAID                 | FlexIT R5      | One textile and one wire braid hose | 38 |
|               |                     |                  |   | TEXTILE                              | FlexIT EZ-Lock | Push-on hose                        | 39 |
|               |                     |                  | POWER-WASH                                  | WIRE BRAID                           | FlexIT JW1K    | One wire braid hose                 | 40 |
|               |                     |                  |   |                                      | FlexIT JW2K    | Two wire braid hose                 | 41 |
|               |                     |                  | FlexIT WB1                                  | Four wire spiral hose                | 42             |                                     |    |
|               |                     |                  | FlexIT WB2                                  | Four wire spiral hose                | 43             |                                     |    |
|               |                     |                  | FlexIT WB3                                  | Four or six wire spiral hose         | 44             |                                     |    |
|               | WATERBLAST          | WIRE SPIRAL      | FlexIT T14                                  | One wire braid hose                  | 45             |                                     |    |
| PTFE          |                     | WIRE BRAID       | FlexIT T7                                   | Two textile braid hose               | 46             |                                     |    |
|               |                     |                  | FlexIT T8                                   | Two textile braid hose               | 47             |                                     |    |
|               |                     |                  | FlexIT T18                                  | Two textile braid hose               | 48             |                                     |    |
| THERMOPLASTIC | HYDRAULICS / OTHERS | TEXTILE          |   |                                      |                |                                     |    |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT 1T

ONE WIRE BRAID HOSE

EN 853 1SN / SAE 100 R1AT

**APPLICATIONS**

hydraulic oils, both mineral and biological;  
polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover MSHA flame retardant approved

One high tensile steel wire braid

Synthetic rubber tube

| Hose Type | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|           | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| R1T-03    | 5             | 3/16"  | 03   | 9,6                    | 0,38 | 11,6             | 0,46 | 250              | 3600 | 1000           | 14400 | 90          | 3,54  | 0,18   | 0,12  |
| R1T-04    | 6             | 1/4"   | 04   | 11,1                   | 0,44 | 13,2             | 0,52 | 225              | 3250 | 900            | 13000 | 100         | 3,94  | 0,21   | 0,14  |
| R1T-05    | 8             | 5/16"  | 05   | 12,7                   | 0,50 | 14,5             | 0,57 | 215              | 3100 | 860            | 12400 | 115         | 4,53  | 0,24   | 0,16  |
| R1T-06    | 10            | 3/8"   | 06   | 15,1                   | 0,59 | 17,2             | 0,68 | 180              | 2600 | 720            | 10400 | 125         | 4,92  | 0,33   | 0,22  |
| R1T-08    | 12            | 1/2"   | 08   | 18,0                   | 0,71 | 20,4             | 0,80 | 160              | 2300 | 640            | 9200  | 180         | 7,09  | 0,41   | 0,28  |
| R1T-10    | 16            | 5/8"   | 10   | 21,2                   | 0,84 | 23,5             | 0,93 | 130              | 1900 | 520            | 7600  | 200         | 7,87  | 0,45   | 0,30  |
| R1T-12    | 19            | 3/4"   | 12   | 25,2                   | 0,99 | 27,5             | 1,08 | 105              | 1500 | 420            | 6000  | 240         | 9,45  | 0,58   | 0,39  |
| R1T-16    | 25            | 1"     | 16   | 33,1                   | 1,30 | 35,4             | 1,39 | 88               | 1250 | 352            | 5000  | 300         | 11,81 | 0,88   | 0,59  |
| R1T-20    | 31            | 1.1/4" | 20   | 40,2                   | 1,58 | 43,5             | 1,71 | 63               | 920  | 252            | 3680  | 420         | 16,54 | 1,23   | 0,83  |
| R1T-24    | 38            | 1.1/2" | 24   | 46,7                   | 1,84 | 50,0             | 1,97 | 50               | 725  | 200            | 2900  | 500         | 19,69 | 1,51   | 1,01  |
| R1T-32    | 51            | 2"     | 32   | 60,2                   | 2,37 | 63,6             | 2,50 | 40               | 580  | 160            | 2320  | 630         | 24,80 | 1,97   | 1,32  |
| R1T-40    | 63            | 2.1/2" | 40   | 73,0                   | 2,87 | 76,5             | 3,01 | 40               | 580  | 160            | 2320  | 760         | 29,92 | 2,54   | 1,71  |
| R1T-48    | 76            | 3"     | 48   | 85,0                   | 3,34 | 88,5             | 3,48 | 35               | 500  | 140            | 2000  | 900         | 35,43 | 2,71   | 1,82  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F) - occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |



RUBBER | PTFE | THERMOPLASTIC

# FlexIT 2T

TWO WIRE BRAID HOSE

EN 853 2SN / SAE 100 R2AT

**APPLICATIONS**

hydraulic oils, both mineral and biological;  
polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover MSHA flame retardant approved

Two high tensile steel wire braids

Synthetic rubber tube

| Hose Type | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|           | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| R2T-03    | 5             | 3/16"  | 03   | 11,1                   | 0,44 | 13,4             | 0,53 | 415              | 6000 | 1660           | 24000 | 90          | 3,54  | 0,33   | 0,22  |
| R2T-04    | 6             | 1/4"   | 04   | 12,7                   | 0,50 | 15,0             | 0,59 | 400              | 5800 | 1600           | 23200 | 100         | 3,94  | 0,33   | 0,22  |
| R2T-05    | 8             | 5/16"  | 05   | 14,3                   | 0,56 | 16,4             | 0,65 | 350              | 5000 | 1400           | 20000 | 115         | 4,53  | 0,39   | 0,26  |
| R2T-06    | 10            | 3/8"   | 06   | 16,7                   | 0,66 | 18,8             | 0,74 | 330              | 4800 | 1320           | 19200 | 125         | 4,92  | 0,50   | 0,34  |
| R2T-08    | 12            | 1/2"   | 08   | 19,8                   | 0,78 | 22,2             | 0,87 | 275              | 4000 | 1100           | 16000 | 180         | 7,09  | 0,59   | 0,40  |
| R2T-10    | 16            | 5/8"   | 10   | 23,0                   | 0,91 | 25,2             | 0,99 | 250              | 3600 | 1000           | 14400 | 200         | 7,87  | 0,71   | 0,48  |
| R2T-12    | 19            | 3/4"   | 12   | 27,0                   | 1,06 | 29,3             | 1,15 | 215              | 3100 | 860            | 12400 | 240         | 9,45  | 0,86   | 0,58  |
| R2T-16    | 25            | 1"     | 16   | 34,9                   | 1,37 | 37,2             | 1,47 | 165              | 2400 | 660            | 9600  | 300         | 11,81 | 1,28   | 0,86  |
| R2T-20    | 31            | 1.1/4" | 20   | 44,5                   | 1,75 | 47,3             | 1,86 | 125              | 1800 | 500            | 7200  | 420         | 16,54 | 2,02   | 1,36  |
| R2T-24    | 38            | 1.1/2" | 24   | 50,8                   | 2,00 | 53,7             | 2,11 | 90               | 1300 | 360            | 5200  | 500         | 19,69 | 2,23   | 1,50  |
| R2T-32    | 51            | 2"     | 32   | 63,5                   | 2,50 | 66,7             | 2,63 | 80               | 1150 | 320            | 4600  | 630         | 24,80 | 2,85   | 1,92  |
| R2T-40    | 63            | 2.1/2" | 40   | 75,8                   | 2,98 | 79,3             | 3,12 | 69               | 1000 | 276            | 4000  | 760         | 29,92 | 3,81   | 2,56  |
| R2T-48    | 76            | 3"     | 48   | 87,8                   | 3,46 | 91,3             | 3,59 | 50               | 725  | 200            | 2900  | 900         | 35,43 | 4,04   | 2,71  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F) - occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT HT1

ONE WIRE BRAID HIGH TEMP. HOSE

EN 853 1SN / SAE 100 R1AT

**APPLICATIONS**

hydraulic oils, both mineral and biological; polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover MSHA flame retardant approved

One high tensile steel wire braid

Synthetic rubber tube

| Hose Type       | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                 | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| ULTIMATE 1SN-04 | 6             | 1/4"   | 04   | 11,1                   | 0,44 | 13,2             | 0,52 | 225              | 3250 | 900            | 13000 | 100         | 3,94  | 0,21   | 0,14  |
| ULTIMATE 1SN-05 | 8             | 5/16"  | 05   | 12,7                   | 0,50 | 14,5             | 0,51 | 215              | 3100 | 860            | 12400 | 115         | 4,53  | 0,24   | 0,16  |
| ULTIMATE 1SN-06 | 10            | 3/8"   | 06   | 15,1                   | 0,59 | 17,2             | 0,68 | 180              | 2600 | 720            | 10400 | 125         | 4,92  | 0,33   | 0,22  |
| ULTIMATE 1SN-08 | 12            | 1/2"   | 08   | 18,0                   | 0,71 | 20,4             | 0,80 | 160              | 2300 | 640            | 9200  | 180         | 7,09  | 0,41   | 0,28  |
| ULTIMATE 1SN-10 | 16            | 5/8"   | 10   | 21,2                   | 0,84 | 23,5             | 0,93 | 130              | 1900 | 520            | 7600  | 200         | 7,87  | 0,45   | 0,30  |
| ULTIMATE 1SN-12 | 19            | 3/4"   | 12   | 25,2                   | 0,99 | 27,5             | 1,08 | 105              | 1500 | 420            | 6000  | 240         | 9,45  | 0,58   | 0,39  |
| ULTIMATE 1SN-16 | 25            | 1"     | 16   | 33,1                   | 1,30 | 35,4             | 1,39 | 88               | 1250 | 352            | 5000  | 300         | 11,81 | 0,88   | 0,59  |
| ULTIMATE 1SN-20 | 31            | 1 1/4" | 20   | 40,2                   | 1,58 | 43,5             | 1,71 | 63               | 920  | 252            | 3680  | 420         | 16,54 | 1,23   | 0,83  |
| ULTIMATE 1SN-24 | 38            | 1 1/2" | 24   | 46,7                   | 1,84 | 50,0             | 1,97 | 50               | 725  | 200            | 2900  | 500         | 19,69 | 1,51   | 1,01  |
| ULTIMATE 1SN-32 | 51            | 2"     | 32   | 60,2                   | 2,37 | 63,6             | 2,50 | 40               | 580  | 160            | 2320  | 630         | 24,80 | 1,97   | 1,32  |



Hydraulic oils: -40°C to +135°C (-40°F to +275°F) - occasional peaks up to +150°C (+302°F)

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |



RUBBER | PTFE | THERMOPLASTIC

# FlexIT HT2

TWO WIRE BRAID HIGH TEMP. HOSE

EN 853 2SN / SAE 100 R2AT

**APPLICATIONS**

hydraulic oils, both mineral and biological; polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover MSHA flame retardant approved

Two high tensile steel wire braids

Synthetic rubber tube

| Hose Type       | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                 | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| ULTIMATE 2SN-04 | 6             | 1/4"   | 04   | 12,7                   | 0,50 | 15,0             | 0,59 | 400              | 5800 | 1600           | 23200 | 100         | 3,94  | 0,33   | 0,22  |
| ULTIMATE 2SN-05 | 8             | 5/16"  | 05   | 14,3                   | 0,56 | 16,4             | 0,65 | 350              | 5000 | 1400           | 20000 | 115         | 4,53  | 0,39   | 0,26  |
| ULTIMATE 2SN-06 | 10            | 3/8"   | 06   | 16,7                   | 0,66 | 18,8             | 0,70 | 330              | 4800 | 1320           | 19200 | 125         | 4,92  | 0,50   | 0,34  |
| ULTIMATE 2SN-08 | 12            | 1/2"   | 08   | 19,8                   | 0,78 | 22,2             | 0,87 | 275              | 4000 | 1100           | 16000 | 180         | 7,09  | 0,59   | 0,40  |
| ULTIMATE 2SN-10 | 16            | 5/8"   | 10   | 23,0                   | 0,91 | 25,2             | 0,99 | 250              | 3600 | 1000           | 14400 | 200         | 7,87  | 0,71   | 0,48  |
| ULTIMATE 2SN-12 | 19            | 3/4"   | 12   | 27,0                   | 1,06 | 29,3             | 1,15 | 215              | 3100 | 860            | 12400 | 240         | 9,45  | 0,86   | 0,58  |
| ULTIMATE 2SN-16 | 25            | 1"     | 16   | 34,9                   | 1,37 | 37,2             | 1,47 | 165              | 2400 | 660            | 9600  | 300         | 11,81 | 1,28   | 0,86  |
| ULTIMATE 2SN-20 | 31            | 1 1/4" | 20   | 44,5                   | 1,75 | 47,3             | 1,86 | 125              | 1800 | 500            | 7200  | 420         | 16,54 | 2,02   | 1,36  |
| ULTIMATE 2SN-24 | 38            | 1 1/2" | 24   | 50,8                   | 2,00 | 53,7             | 2,11 | 90               | 1300 | 360            | 5200  | 500         | 19,69 | 2,23   | 1,50  |
| ULTIMATE 2SN-32 | 51            | 2"     | 32   | 63,5                   | 2,50 | 66,7             | 2,63 | 80               | 1150 | 320            | 4600  | 630         | 24,80 | 2,85   | 1,92  |



Hydraulic oils: -40°C to +135°C (-40°F to +275°F) - occasional peaks up to +150°C (+302°F)

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |



RUBBER | PTFE | THERMOPLASTIC

# FlexIT SC117 ONE WIRE BRAID COMPACT HOSE

EN 857 1SC (all sizes)  
SAE 100 R17 (sizes -04 / -08)

**APPLICATIONS**  
hydraulic oils, both mineral and biological;  
polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover, MSHA flame retardant approved  
On request: HARC anti-abrasion cover (-50°C / -58°F)  
UHMPE anti-abrasion cover

One high tensile steel wire braid

Synthetic rubber tube

| Hose Type | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|-----------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|           | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| 1SC-04    | 6             | 1/4"   | 04   | 9,9                    | 0,39 | 12,2             | 0,48 | 225              | 3250 | 900            | 13000 | 50          | 1,97 | 0,16   | 0,11  |
| 1SC-05    | 8             | 5/16"  | 05   | 11,7                   | 0,46 | 14,0             | 0,55 | 215              | 3100 | 860            | 12400 | 55          | 2,16 | 0,21   | 0,14  |
| 1SC-06    | 10            | 3/8"   | 06   | 13,4                   | 0,53 | 16,4             | 0,65 | 210              | 3000 | 840            | 12000 | 65          | 2,56 | 0,27   | 0,18  |
| 1SC-08    | 12            | 1/2"   | 08   | 17,1                   | 0,67 | 20,0             | 0,79 | 210              | 3000 | 840            | 12000 | 70          | 2,76 | 0,39   | 0,26  |
| 1SC-10    | 16            | 5/8"   | 10   | 20,3                   | 0,80 | 22,7             | 0,89 | 140              | 2000 | 560            | 8000  | 150         | 5,91 | 0,39   | 0,26  |
| 1SC-12    | 19            | 3/4"   | 12   | 23,9                   | 0,94 | 26,5             | 1,04 | 105              | 1500 | 420            | 6000  | 180         | 7,09 | 0,50   | 0,34  |
| 1SC-16    | 25            | 1"     | 16   | 31,3                   | 1,23 | 34,0             | 1,34 | 88               | 1250 | 352            | 5000  | 230         | 9,06 | 0,78   | 0,52  |
| 1SC-20    | 31            | 1.1/4" | 20   | 40,2                   | 1,58 | 44,6             | 1,76 | 70               | 1000 | 280            | 4000  | 140         | 5,51 | 1,28   | 0,85  |
| 1SC-24    | 38            | 1.1/2" | 24   | 46,8                   | 1,84 | 51,5             | 2,03 | 52               | 750  | 208            | 3000  | 250         | 9,84 | 1,50   | 1,00  |

**⚠ Hydraulic oils: -40°C to +100°C (-40°F to +212°F) - occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03       | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         | K         |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         | B + SN03T |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         | B + SCX0T |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |           |     |     |     |     |     |     |     |     |     |     |     |     |



RUBBER | PTFE | THERMOPLASTIC

# FlexIT SK117 ONE WIRE BRAID COMPACT HOSE

Meets or exceeds EN 857 1SC (all sizes)  
SAE 100 R17 (sizes -04 / -08)

**APPLICATIONS**  
hydraulic oils, both mineral and biological;  
polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover, MSHA flame retardant approved  
On request: HARC anti-abrasion cover (-50°C / -58°F)  
UHMPE anti-abrasion cover

One high tensile steel wire braid

Synthetic rubber tube

| Hose Type       | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                 | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT SK117-04 | 6             | 1/4"   | 04   | 10,4                   | 0,41 | 12,7             | 0,50 | 290              | 4200 | 1160           | 16800 | 40          | 1,57  | 0,18   | 0,12  |
| FLEXIT SK117-05 | 8             | 5/16"  | 05   | 11,5                   | 0,45 | 14,2             | 0,56 | 250              | 3600 | 1000           | 14400 | 55          | 2,17  | 0,21   | 0,14  |
| FLEXIT SK117-06 | 10            | 3/8"   | 06   | 13,6                   | 0,54 | 16,6             | 0,65 | 230              | 3300 | 920            | 13200 | 65          | 2,56  | 0,28   | 0,18  |
| FLEXIT SK117-08 | 12            | 1/2"   | 08   | 17,4                   | 0,69 | 20,0             | 0,79 | 210              | 3000 | 840            | 12000 | 70          | 2,76  | 0,36   | 0,24  |
| FLEXIT SK117-10 | 16            | 5/8"   | 10   | 20,4                   | 0,80 | 23,0             | 0,91 | 140              | 2000 | 520            | 7600  | 150         | 5,91  | 0,41   | 0,28  |
| FLEXIT SK117-12 | 19            | 3/4"   | 12   | 23,8                   | 0,94 | 26,7             | 1,05 | 105              | 1500 | 420            | 6000  | 180         | 7,09  | 0,52   | 0,35  |
| FLEXIT SK117-16 | 25            | 1"     | 16   | 31,3                   | 1,23 | 34,0             | 1,34 | 88               | 1250 | 352            | 5000  | 230         | 9,06  | 0,78   | 0,52  |
| FLEXIT SK117-20 | 31            | 1.1/4" | 20   | 40,2                   | 1,58 | 44,6             | 1,76 | 100              | 1430 | 400            | 5800  | 300         | 11,81 | 1,28   | 0,85  |

**⚠ Hydraulic oils: -40°C to +100°C (-40°F to +212°F) - occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03       | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         | K         |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         | T         |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         | B + SN03T |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         | B + SCX0T |     |     |     |     |     |     |     |     |     |     |     |     |





RUBBER | PTFE | THERMOPLASTIC

# FlexIT SC216

TWO WIRE BRAID COMPACT HOSE

EN 857 2SC / SAE 100 R16

**APPLICATIONS**  
hydraulic oils, both mineral and biological;  
polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover, MSHA flame retardant approved  
On request: HARC anti-abrasion cover (-50°C / -58°F)  
UHMPE anti-abrasion cover

Two high tensile steel wire braids

Synthetic rubber tube

| Hose Type | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|           | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| 2SC-04    | 6             | 1/4"   | 04   | 11,2                   | 0,44 | 13,8             | 0,54 | 400              | 5800 | 1600           | 23200 | 50          | 1,97  | 0,28   | 0,19  |
| 2SC-05    | 8             | 5/16"  | 05   | 12,7                   | 0,50 | 15,4             | 0,61 | 350              | 5000 | 1400           | 20000 | 55          | 2,17  | 0,33   | 0,22  |
| 2SC-06*   | 10            | 3/8"   | 06   | 15,1                   | 0,59 | 17,3             | 0,68 | 350              | 5000 | 1400           | 20000 | 65          | 2,56  | 0,42   | 0,28  |
| 2SC-08    | 12            | 1/2"   | 08   | 18,3                   | 0,72 | 20,8             | 0,82 | 280              | 4000 | 1120           | 16000 | 90          | 3,54  | 0,52   | 0,35  |
| 2SC-10    | 16            | 5/8"   | 10   | 21,4                   | 0,84 | 24,7             | 0,97 | 250              | 3600 | 1000           | 14400 | 100         | 3,94  | 0,61   | 0,41  |
| 2SC-12*   | 19            | 3/4"   | 12   | 25,4                   | 1,00 | 28,6             | 1,13 | 250              | 3600 | 1000           | 14400 | 120         | 4,72  | 0,79   | 0,53  |
| 2SC-16    | 25            | 1"     | 16   | 33,4                   | 1,32 | 36,6             | 1,44 | 165              | 2400 | 660            | 9600  | 150         | 5,90  | 1,10   | 0,74  |
| 2SC-24    | 38            | 1.1/2" | 24   | 47,7                   | 1,88 | 51,5             | 2,03 | 100              | 1450 | 400            | 5800  | 300         | 11,81 | 1,97   | 1,32  |
| 2SC-32*   | 51            | 2"     | 32   | 60,4                   | 2,38 | 64,5             | 2,54 | 90               | 1300 | 360            | 5200  | 400         | 15,75 | 2,49   | 1,67  |
| 2SC-40    | 63            | 2.1/2" | 40   | 73,7                   | 2,90 | 77,5             | 3,05 | 70               | 1000 | 280            | 4000  | 760         | 29,92 | 3,30   | 2,22  |
| 2SC-48    | 76            | 3"     | 48   | 89,0                   | 3,50 | 92,3             | 3,63 | 70               | 1000 | 280            | 4000  | 900         | 35,43 | 3,78   | 2,54  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F) - occasional peaks up to +125°C (+257°F)**

\* II series

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT SK216

TWO WIRE BRAID COMPACT HOSE

Exceeds EN 857 2SC (all sizes)  
SAE 100 R17 (sizes -10 / -16)

**APPLICATIONS**  
hydraulic oils, both mineral and biological;  
polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover, MSHA flame retardant approved  
On request: HARC anti-abrasion cover (-50°C / -58°F)  
UHMPE anti-abrasion cover · smooth finish cover

Two high tensile steel wire braid

Synthetic rubber tube

| Hose Type       | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                 | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT SK216-04 | 6             | 1/4"   | 04   | 11,5                   | 0,45 | 13,8             | 0,54 | 450              | 6500 | 1800           | 26000 | 45          | 1,77  | 0,29   | 0,19  |
| FLEXIT SK216-05 | 8             | 5/16"  | 05   | 13,0                   | 0,51 | 15,6             | 0,61 | 420              | 6000 | 1680           | 24000 | 60          | 2,36  | 0,34   | 0,23  |
| FLEXIT SK216-06 | 10            | 3/8"   | 06   | 15,0                   | 0,59 | 17,8             | 0,70 | 385              | 5500 | 1540           | 22000 | 70          | 2,76  | 0,44   | 0,30  |
| FLEXIT SK216-08 | 12            | 1/2"   | 08   | 18,8                   | 0,74 | 21,4             | 0,84 | 350              | 5000 | 1400           | 20000 | 90          | 3,54  | 0,54   | 0,36  |
| FLEXIT SK216-10 | 16            | 5/8"   | 10   | 21,6                   | 0,85 | 24,4             | 0,96 | 290              | 4200 | 1160           | 16800 | 100         | 3,94  | 0,63   | 0,42  |
| FLEXIT SK216-12 | 19            | 3/4"   | 12   | 25,7                   | 1,01 | 28,5             | 1,12 | 280              | 4000 | 1120           | 16000 | 120         | 4,72  | 0,84   | 0,56  |
| FLEXIT SK216-16 | 25            | 1"     | 16   | 34,1                   | 1,34 | 36,6             | 1,44 | 230              | 3300 | 920            | 13200 | 150         | 5,90  | 1,35   | 0,91  |
| FLEXIT SK216-20 | 31            | 1.1/4" | 20   | 40,5                   | 1,59 | 44,7             | 1,76 | 175              | 2540 | 700            | 10200 | 300         | 11,81 | 1,57   | 1,06  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F) - occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT SK216-L

**II SERIES**  
TWO WIRE BRAID  
COMPACT HOSE

Exceeds EN 857 2SC (all sizes)  
SAE 100 R17 (sizes -10 -12 -16)

**APPLICATIONS**

hydraulic oils, both mineral and biological;  
polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover, MSHA flame retardant approved  
HARC anti-abrasion cover (-50°C / -58°F)

Two high tensile steel wire braid  
Synthetic rubber tube

| Hose Type       | Hose Diameter |        |      | Reinforcement Diameter |       | Outside Diameter |       | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------------|---------------|--------|------|------------------------|-------|------------------|-------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                 | dn            | Inch   | Size | mm                     | in    | mm               | in    | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT SK216-04 | 6             | 1/4"   | 04   | 11,5                   | 0,453 | 13,8             | 0,543 | 450              | 6500 | 1800           | 26000 | 45          | 1,77  | 0,29   | 0,19  |
| FLEXIT SK216-05 | 8             | 5/16"  | 05   | 13,0                   | 0,512 | 15,6             | 0,614 | 420              | 6000 | 1680           | 24000 | 60          | 2,36  | 0,34   | 0,23  |
| FLEXIT SK216-06 | 10            | 3/8"   | 06   | 15,0                   | 0,591 | 17,8             | 0,701 | 385              | 5500 | 1540           | 22000 | 70          | 2,76  | 0,44   | 0,30  |
| FLEXIT SK216-08 | 12            | 1/2"   | 08   | 18,8                   | 0,740 | 21,4             | 0,843 | 345              | 5000 | 1380           | 20000 | 90          | 3,54  | 0,54   | 0,36  |
| FLEXIT SK216-10 | 16            | 5/8"   | 10   | 21,6                   | 0,850 | 24,4             | 0,961 | 290              | 4200 | 1160           | 16800 | 100         | 3,94  | 0,63   | 0,42  |
| FLEXIT SK216-12 | 19            | 3/4"   | 12   | 25,7                   | 1,010 | 28,5             | 1,122 | 280              | 4000 | 1120           | 16000 | 120         | 4,72  | 0,84   | 0,56  |
| FLEXIT SK216-16 | 25            | 1"     | 16   | 34,1                   | 1,341 | 36,6             | 1,441 | 230              | 3300 | 920            | 13200 | 150         | 5,90  | 1,35   | 0,91  |
| FLEXIT SK216-20 | 31            | 1 1/4" | 20   | 40,5                   | 1,594 | 44,7             | 1,760 | 175              | 2540 | 700            | 10200 | 300         | 11,81 | 1,57   | 1,06  |

**⚠ Hydraulic oils: -40°C to +100°C (-40°F to +212°F) - occasional peaks up to +125°C (+250°F)**  
**Polyglycol base oils, water-oil emulsions and water: up to +85°C (+185°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT SK119 - SK219

Meets or exceeds SAE 100 R19

ONE OR TWO WIRE BRAID COMPACT HOSE

**APPLICATIONS**

hydraulic oils, both mineral and biological;  
polyglycol base oils, water/oil emulsions, water



One high tensile steel wire braid

Synthetic rubber cover, MSHA flame retardant approved  
On request: HARC anti-abrasion cover (-50°C / -58°F)  
UHMPE anti-abrasion cover

Two high tensile steel wire braid

Synthetic rubber tube

| Hose Type       | Hose Diameter |      |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|-----------------|---------------|------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|                 | dn            | Inch | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| FLEXIT SK119-04 | 6             | 1/4" | 04   | 10,4                   | 0,41 | 12,7             | 0,50 | 290              | 4200 | 1160           | 16800 | 40          | 1,57 | 0,18   | 0,12  |
| FLEXIT SK219-06 | 10            | 3/8" | 06   | 15,1                   | 0,59 | 17,3             | 0,68 | 350              | 5000 | 1400           | 20000 | 65          | 2,56 | 0,42   | 0,28  |
| FLEXIT SK219-08 | 12            | 1/2" | 08   | 18,3                   | 0,72 | 20,8             | 0,82 | 280              | 4000 | 1120           | 16000 | 90          | 3,54 | 0,52   | 0,35  |
| FLEXIT SK219-10 | 16            | 5/8" | 10   | 21,6                   | 0,85 | 24,4             | 0,96 | 290              | 4200 | 1160           | 16800 | 100         | 3,94 | 0,63   | 0,42  |
| FLEXIT SK219-12 | 19            | 3/4" | 12   | 25,7                   | 1,01 | 28,5             | 1,12 | 280              | 4000 | 1120           | 16000 | 120         | 4,72 | 0,84   | 0,56  |
| FLEXIT SK219-16 | 25            | 1"   | 16   | 33,3                   | 1,31 | 35,5             | 1,40 | 280              | 4000 | 1120           | 16000 | 150         | 5,90 | 1,20   | 0,81  |

**⚠ Hydraulic oils: -40°C to +100°C (-40°F to +212°F), occasional peaks up to +125°C (+257°F)**  
**Polyglycol base oils, water-oil emulsions and water: up to +85°C (+185°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -- | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |    |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |    |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |    |     |     |     |     |     |     |     |     |     |     |
|              | No Skive         |     |     |    |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |    |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT 3T

THREE WIRE BRAID COMPACT HOSE

**APPLICATIONS**

hydraulic oils, both mineral and biological; polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover

Three high tensile steel wire braids

Synthetic rubber tube

| Hose Type           | Hose Diameter |      |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|---------------------|---------------|------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                     | dn            | Inch | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| <b>FLEXIT 3T-06</b> | 10            | 3/8" | 06   | 17,0                   | 0,67 | 19,2             | 0,76 | 500              | 7200 | 2000           | 28800 | 120         | 4,72  | 0,50   | 0,34  |
| <b>FLEXIT 3T-08</b> | 12            | 1/2" | 08   | 20,2                   | 0,80 | 22,4             | 0,88 | 470              | 6800 | 1880           | 27200 | 160         | 6,30  | 0,60   | 0,40  |
| <b>FLEXIT 3T-12</b> | 19            | 3/4" | 12   | 27,3                   | 1,08 | 29,5             | 1,16 | 375              | 5400 | 1500           | 21600 | 260         | 10,24 | 0,85   | 0,57  |
| <b>FLEXIT 3T-16</b> | 25            | 1"   | 16   | 34,2                   | 1,35 | 36,4             | 1,43 | 310              | 4500 | 1240           | 18000 | 310         | 12,20 | 1,40   | 0,94  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F) - occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type   | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|----------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>1 Piece</b> | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>2 Piece</b> | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |

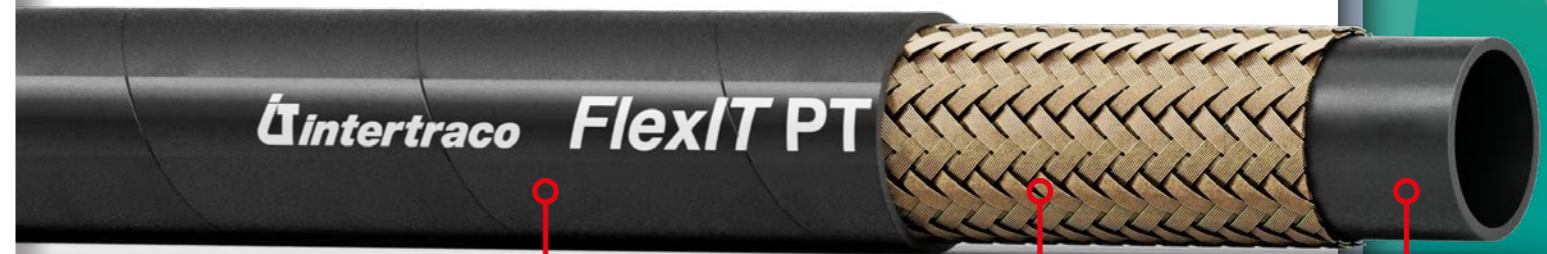
RUBBER | PTFE | THERMOPLASTIC

# FlexIT PT

ONE WIRE BRAID HOSE

**APPLICATIONS**

hydraulic oils, both mineral and biological; polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover

One high tensile steel wire braid

Synthetic rubber tube

| Hose Type           | Hose Diameter |       |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |      | Bend Radius |      | Weight |       |
|---------------------|---------------|-------|------|------------------------|------|------------------|------|------------------|------|----------------|------|-------------|------|--------|-------|
|                     | dn            | Inch  | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi  | mm          | in   | kg/m   | lb/ft |
| <b>FLEXIT PT-03</b> | 5             | 3/16" | 03   | 8,7                    | 0,34 | 10,5             | 0,41 | 125              | 1800 | 500            | 7200 | 20          | 0,79 | 0,12   | 0,08  |
| <b>FLEXIT PT-04</b> | 6             | 1/4"  | 04   | 9,9                    | 0,39 | 11,5             | 0,45 | 125              | 1800 | 500            | 7200 | 30          | 1,18 | 0,17   | 0,11  |
| <b>FLEXIT PT-05</b> | 8             | 5/16" | 05   | 11,5                   | 0,45 | 13,1             | 0,52 | 125              | 1800 | 500            | 7200 | 40          | 1,57 | 0,19   | 0,13  |
| <b>FLEXIT PT-06</b> | 10            | 3/8"  | 06   | 13,2                   | 0,52 | 14,8             | 0,58 | 125              | 1800 | 500            | 7200 | 50          | 1,97 | 0,25   | 0,17  |
| <b>FLEXIT PT-08</b> | 12            | 1/2"  | 08   | 16,2                   | 0,64 | 19,4             | 0,76 | 125              | 1800 | 500            | 7200 | 60          | 2,36 | 0,31   | 0,21  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type   | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|----------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>1 Piece</b> | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>2 Piece</b> | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT JF10K

TWO WIRE BRAID COMPACT HOSE

**HIGH PRESSURE HOSE FOR STATIC JACK APPLICATIONS**

**APPLICATIONS**  
hydraulic oils, both mineral and biological; polyglycol base oils, water/oil emulsions, water



Synthetic rubber cover MSHA flame retardant approved

Two high tensile steel wire braids

Synthetic rubber tube

| Hose Type    | Hose Diameter |      |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |       | Burst Pressure |       | Bend Radius |      | Weight |       |
|--------------|---------------|------|------|------------------------|------|------------------|------|------------------|-------|----------------|-------|-------------|------|--------|-------|
|              | dn            | Inch | Size | mm                     | in   | mm               | in   | bar              | psi   | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| PowerJack-04 | 6             | 1/4" | 04   | 11,5                   | 0,45 | 13,8             | 0,54 | 700              | 10000 | 1400           | 20000 | 45          | 1,77 | 0,27   | 0,18  |
| PowerJack-06 | 10            | 3/8" | 06   | 15,0                   | 0,59 | 17,5             | 0,69 | 700              | 10000 | 1400           | 20000 | 70          | 2,76 | 0,39   | 0,26  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -- | -06              | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |    | <b>K</b>         |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |    | <b>B + SN03T</b> |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT SHP

FOUR WIRE SPIRAL HOSE

Meets or exceeds EN 856 4SP (sizes -04 / -16)  
Meets or exceeds SAE 100 R12 (sizes -06 / -32)

**APPLICATIONS**  
High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC anti abrasion cover MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type     | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|---------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|               | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT SHP-04 | 6             | 1/4"   | 04   | 14,6                   | 0,58 | 18,0             | 0,71 | 450              | 6500 | 1800           | 26000 | 150         | 5,91  | 0,57   | 0,38  |
| FLEXIT SHP-06 | 10            | 3/8"   | 06   | 17,5                   | 0,69 | 20,1             | 0,79 | 450              | 6500 | 1800           | 26000 | 180         | 7,09  | 0,69   | 0,46  |
| FLEXIT SHP-08 | 12            | 1/2"   | 08   | 20,6                   | 0,81 | 23,0             | 0,91 | 420              | 6000 | 1680           | 24000 | 230         | 9,06  | 0,85   | 0,57  |
| FLEXIT SHP-10 | 16            | 5/8"   | 10   | 24,2                   | 0,95 | 26,5             | 1,04 | 350              | 5000 | 1400           | 20000 | 250         | 9,84  | 1,04   | 0,69  |
| FLEXIT SHP-12 | 19            | 3/4"   | 12   | 28,2                   | 1,11 | 30,6             | 1,20 | 350              | 5000 | 1400           | 20000 | 300         | 11,81 | 1,32   | 0,88  |
| FLEXIT SHP-16 | 25            | 1"     | 16   | 35,1                   | 1,38 | 37,8             | 1,49 | 320              | 4600 | 1280           | 18400 | 340         | 13,38 | 2,06   | 1,38  |
| FLEXIT SHP-20 | 31            | 1.1/4" | 20   | 41,9                   | 1,65 | 45,9             | 1,81 | 210              | 3000 | 840            | 12000 | 420         | 16,54 | 2,51   | 1,69  |
| FLEXIT SHP-24 | 38            | 1.1/2" | 24   | 49,0                   | 1,93 | 53,5             | 2,11 | 210              | 3000 | 840            | 12000 | 500         | 19,69 | 3,26   | 2,19  |
| FLEXIT SHP-32 | 51            | 2"     | 32   | 63,2                   | 2,49 | 68,3             | 2,69 | 210              | 3000 | 840            | 12000 | 630         | 24,80 | 4,90   | 3,29  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F), occasional peaks up to +125°C (+257°F)**

II series all sizes

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -- | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |    |     |     |     |     |     |     |     |     |     |     |
| 1 Piece      | External Skive   |     |     |    |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |    |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | External Skive   |     |     |    |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT H4

FOUR WIRE SPIRAL HOSE

EN 856 4SH

**APPLICATIONS**

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC anti-abrasion cover  
MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type    | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|--------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|              | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT H4-10 | 16            | 5/8"   | 10   | 25,0                   | 0,98 | 28,7             | 1,13 | 450              | 6500 | 1800           | 26000 | 250         | 9,84  | 1,09   | 0,73  |
| FLEXIT H4-12 | 19            | 3/4"   | 12   | 28,4                   | 1,12 | 31,9             | 1,26 | 420              | 6000 | 1680           | 24000 | 280         | 11,02 | 1,45   | 0,97  |
| FLEXIT H4-16 | 25            | 1"     | 16   | 35,5                   | 1,40 | 38,5             | 1,52 | 380              | 5500 | 1520           | 22000 | 340         | 13,39 | 2,14   | 1,44  |
| FLEXIT H4-20 | 31            | 1.1/4" | 20   | 41,9                   | 1,65 | 45,9             | 1,81 | 350              | 5000 | 1400           | 20000 | 460         | 18,11 | 2,51   | 1,69  |
| FLEXIT H4-24 | 38            | 1.1/2" | 24   | 49,0                   | 1,93 | 53,5             | 2,11 | 300              | 4300 | 1200           | 17200 | 560         | 22,05 | 3,26   | 2,19  |
| FLEXIT H4-32 | 51            | 2"     | 32   | 63,2                   | 2,49 | 68,3             | 2,69 | 250              | 3600 | 1000           | 14400 | 700         | 27,56 | 4,90   | 3,29  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F), occasional peaks up to +125°C (+257°F)**

!! series all sizes

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48       |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     | K         |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     | X         |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     | B + S312T |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     | B + S0420 |
|              | Interlock        |     |     |     |     |     |     |     |     |     |     |     |     | I + S0041 |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT 5000

FOUR OR SIX WIRE SPIRAL HOSE

ISO 18752 - class 350 (all sizes)  
SAE 100 R13 / EN 856 R13 (sizes -16 and sizes -32)

**APPLICATIONS**

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Four high tensile steel wire spirals (sizes -10 / -24)

Synthetic rubber HARC anti abrasion cover  
MSHA flame retardant approved

Six high tensile steel wire spirals (sizes -32 / -48)

Synthetic rubber tube

| Hose Type       | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                 | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT 5000-10  | 16            | 5/8"   | 10   | 24,2                   | 0,95 | 26,5             | 1,04 | 380              | 5500 | 1520           | 22000 | 100         | 3,94  | 1,03   | 0,69  |
| FLEXIT 5000-12* | 19            | 3/4"   | 12   | 27,9                   | 1,10 | 30,5             | 1,20 | 380              | 5500 | 1520           | 22000 | 120         | 4,72  | 1,32   | 0,87  |
| FLEXIT 5000-16* | 25            | 1"     | 16   | 35,1                   | 1,38 | 37,9             | 1,49 | 350              | 5000 | 1400           | 20000 | 150         | 5,90  | 1,77   | 1,19  |
| FLEXIT 5000-20* | 31            | 1.1/4" | 20   | 42,3                   | 1,67 | 45,9             | 1,81 | 350              | 5000 | 1400           | 20000 | 210         | 8,27  | 2,55   | 1,71  |
| FLEXIT 5000-24* | 38            | 1.1/2" | 24   | 49,2                   | 1,94 | 53,4             | 2,10 | 350              | 5000 | 1400           | 20000 | 250         | 9,84  | 3,26   | 2,19  |
| FLEXIT 5000-32* | 51            | 2"     | 32   | 67,7                   | 2,67 | 71,5             | 2,82 | 350              | 5000 | 1400           | 20000 | 600         | 23,62 | 6,90   | 4,64  |
| FLEXIT 5000-40  | 63            | 2.1/2" | 40   | 81,8                   | 3,22 | 86,0             | 3,39 | 350              | 5000 | 1400           | 20000 | 800         | 31,50 | 8,00   | 5,38  |
| FLEXIT 5000-48  | 76            | 3"     | 48   | 99,8                   | 3,93 | 103,8            | 4,09 | 350              | 5000 | 1400           | 20000 | 1100        | 43,31 | 14,15  | 9,51  |

**Hydraulic oils: -40°C to +121°C (-40°F to +250°F), occasional peaks up to +125°C (+257°F) sizes -10 / -40 -40°C to +100°C (-40°F to +212°F) size -48**

\*!! series all sizes

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40       | -48                 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|---------------------|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     | J         | H                   |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     | X   |           |                     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     | B + S312T |                     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     | B + S0420 |                     |
|              | Interlock        |     |     |     |     |     |     |     |     |     |     |     | I + S0041 | I + S0061 I + S0071 |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT 6000

FOUR OR SIX WIRE SPIRAL HOSE

SAE 100 R15 / ISO 18752 - class 420

Four high tensile steel wire spirals (sizes -06 / 6004-20)

**APPLICATIONS**

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral & biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC anti-abrasion cover MSHA flame retardant approved On request: UHMPE anti-abrasion cover

Six high tensile steel wire spirals (sizes -20 / -32)

Synthetic rubber tube

| Hose Type        | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|------------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                  | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT 6000-06   | 10            | 3/8"   | 06   | 17,7                   | 0,70 | 20,2             | 0,80 | 420              | 6000 | 1680           | 24000 | 65          | 2,56  | 0,69   | 0,46  |
| FLEXIT 6000-08   | 12            | 1/2"   | 08   | 20,6                   | 0,81 | 22,9             | 0,90 | 420              | 6000 | 1680           | 24000 | 90          | 3,54  | 0,79   | 0,53  |
| FLEXIT 6000-10   | 16            | 5/8"   | 10   | 24,2                   | 0,95 | 26,5             | 1,04 | 420              | 6000 | 1680           | 24000 | 100         | 3,94  | 1,05   | 0,70  |
| FLEXIT 6000-12** | 19            | 3/4"   | 12   | 28,2                   | 1,11 | 30,7             | 1,21 | 420              | 6000 | 1680           | 24000 | 120         | 4,72  | 1,46   | 0,98  |
| FLEXIT 6000-16** | 25            | 1"     | 16   | 35,4                   | 1,39 | 37,5             | 1,48 | 420              | 6000 | 1680           | 24000 | 150         | 5,90  | 1,94   | 1,30  |
| FLEXIT F6004-20  | 31            | 1.1/4" | 20   | 43,5                   | 1,71 | 47,3             | 1,86 | 420              | 6000 | 1680           | 24000 | 400         | 15,70 | 3,01   | 2,02  |
| FLEXIT 6000-20*  | 31            | 1.1/4" | 20   | 46,8                   | 1,84 | 50,1             | 1,97 | 420              | 6000 | 1680           | 24000 | 420         | 16,54 | 3,77   | 2,53  |
| FLEXIT 6000-24*  | 38            | 1.1/2" | 24   | 53,4                   | 2,10 | 57,3             | 2,26 | 420              | 6000 | 1680           | 24000 | 510         | 20,08 | 5,10   | 3,43  |
| FLEXIT 6000-32*  | 51            | 2"     | 32   | 67,7                   | 2,67 | 71,5             | 2,82 | 420              | 6000 | 1680           | 24000 | 600         | 23,62 | 6,90   | 4,64  |



Hydraulic oils: -40°C to +121°C (-40°F to +250°F), occasional peaks up to +125°C (+257°F)

\*II series all sizes \*\*III series all sizes

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16       | -20       | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----------|-----------|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     | J         |           |     | H   |     | HLZ |
|              | External Skive   |     |     |     |     |     |     |     |           | X         |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     | B + S312T |           |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     | I + S0041 |           |     |     |     |     |
|              | Interlock        |     |     |     |     |     |     |     | I + S0061 | I + S0061 |     |     |     |     |



RUBBER | PTFE | THERMOPLASTIC

# FlexIT X5000

FOUR WIRE SPIRAL HOSE

ISO 18752-CC - class 350 (all sizes)  
SAE 100 R13 / EN 856 R13 (size -16)

**APPLICATIONS**

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral & biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC anti-abrasion cover MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type       | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |       | Burst Pressure |      | Bend Radius |      | Weight |       |
|-----------------|---------------|--------|------|------------------------|------|------------------|------|------------------|-------|----------------|------|-------------|------|--------|-------|
|                 | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi   | bar            | psi  | mm          | in   | kg/m   | lb/ft |
| FLEXIT X5000-16 | 25            | 1"     | 16   | 36,6                   | 1,44 | 350              | 5000 | 1400             | 20000 | 150            | 5,90 | 1,65        | 1,11 | 0,57   | 0,38  |
| FLEXIT X5000-20 | 31            | 1.1/4" | 20   | 44,4                   | 1,75 | 350              | 5000 | 1400             | 20000 | 210            | 8,27 | 2,26        | 1,52 | 0,69   | 0,46  |



Hydraulic oils: -40°C to +121°C (-40°F to +250°F), occasional peaks up to +125°C (+257°F)

II series all sizes

Available in 60m lengths.

For Intertraco fitting compatibility please contact our sales department.



RUBBER | PTFE | THERMOPLASTIC

# FlexIT X6000

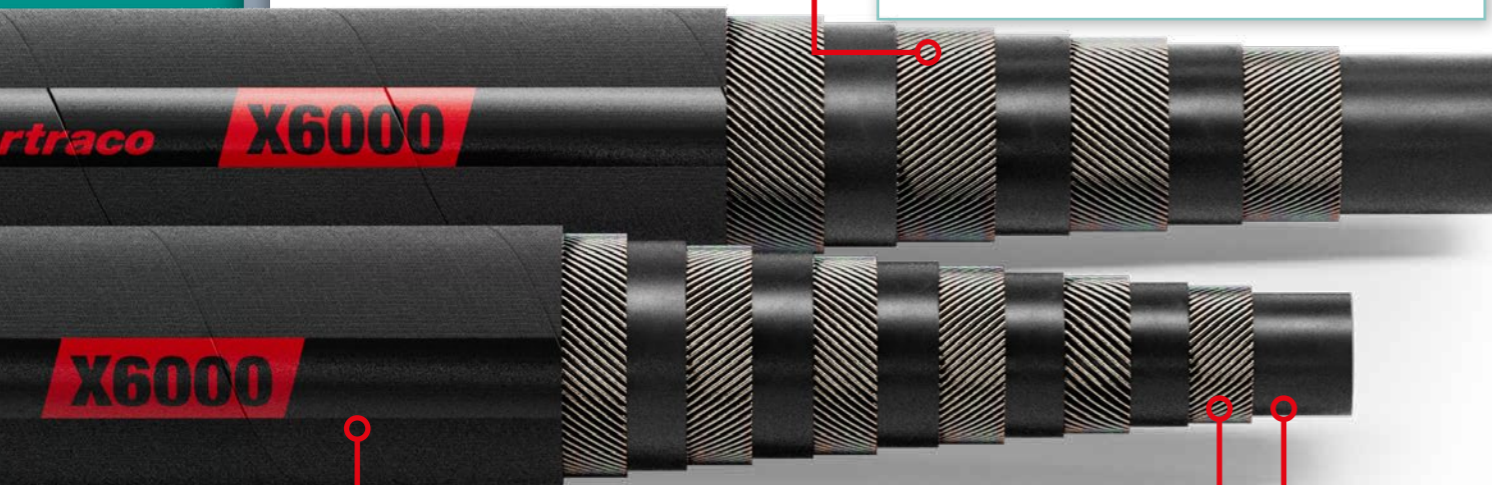
FOUR OR SIX WIRE SPIRAL HOSE

ISO 18752-CC - class 420  
SAE 100 R15

**APPLICATIONS**

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water

Four high tensile steel wire spirals (sizes -16)



Synthetic rubber HARC anti-abrasion cover MSHA flame retardant approved

Six high tensile steel wire spirals (sizes -20 / -32)

Synthetic rubber tube

| Hose Type              | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |       | Burst Pressure |       | Bend Radius |      | Weight |       |
|------------------------|---------------|--------|------|------------------------|------|------------------|------|------------------|-------|----------------|-------|-------------|------|--------|-------|
|                        | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi   | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| <b>FLEXIT X6000-16</b> | 25            | 1"     | 16   | 37,5                   | 1,48 | 420              | 6000 | 1680             | 24000 | 250            | 9,84  | 1,93        | 1,30 | 0,25   | 0,17  |
| <b>FLEXIT X6000-20</b> | 31            | 1.1/4" | 20   | 49,5                   | 1,95 | 420              | 6000 | 1680             | 24000 | 400            | 15,75 | 3,63        | 2,44 | 0,30   | 0,20  |
| <b>FLEXIT X6000-24</b> | 38            | 1.1/2" | 24   | 56,0                   | 2,20 | 420              | 6000 | 1680             | 24000 | 480            | 18,90 | 4,40        | 2,96 | 0,37   | 0,25  |
| <b>FLEXIT X6000-32</b> | 51            | 2"     | 32   | 70,0                   | 2,76 | 420              | 6000 | 1680             | 24000 | 650            | 25,60 | 6,90        | 6,64 | 0,46   | 0,31  |

**! Hydraulic oils: -40°C to +121°C (-40°F to +250°F), occasional peaks up to +125°C (+257°F)**

Available in 60m lengths.

For Intertraco fitting compatibility please contact our sales department.



**II SERIES**

RUBBER | PTFE | THERMOPLASTIC

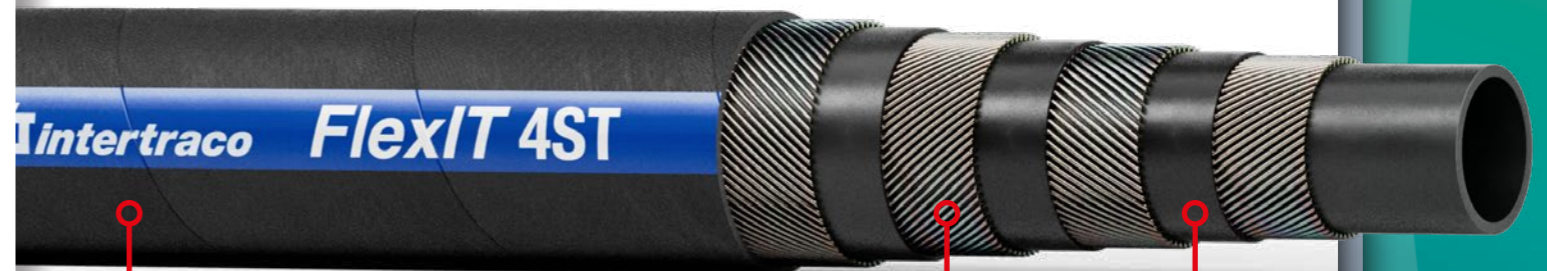
# FlexIT 4ST

FOUR WIRE SPIRAL THIN COVER HOSE

ISO 18752 (all sizes)  
Exceeds EN 856 4SH (sizes -20 / -32)

**APPLICATIONS**

High pressure hydraulic system for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC anti-abrasion cover MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type            | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|----------------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|                      | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| <b>FLEXIT 4ST-10</b> | 16            | 5/8"   | 10   | 24,4                   | 0,96 | 26,4             | 1,04 | 350              | 5000 | 1400           | 20000 | 100         | 3,94  | 0,99   | 0,67  |
| <b>FLEXIT 4ST-12</b> | 19            | 3/4"   | 12   | 27,0                   | 1,06 | 29,0             | 1,14 | 350              | 5000 | 1400           | 20000 | 120         | 4,72  | 1,08   | 0,73  |
| <b>FLEXIT 4ST-16</b> | 25            | 1"     | 16   | 34,6                   | 1,36 | 36,4             | 1,43 | 350              | 5000 | 1400           | 20000 | 150         | 5,90  | 1,73   | 1,16  |
| <b>FLEXIT 4ST-20</b> | 31            | 1.1/4" | 20   | 41,9                   | 1,65 | 44,3             | 1,74 | 350              | 5000 | 1400           | 20000 | 210         | 8,27  | 2,39   | 1,61  |
| <b>FLEXIT 4ST-24</b> | 38            | 1.1/2" | 24   | 48,8                   | 1,92 | 52,0             | 2,05 | 300              | 4350 | 1200           | 17400 | 250         | 9,84  | 3,03   | 2,04  |
| <b>FLEXIT 4ST-32</b> | 51            | 2"     | 32   | 63,2                   | 2,49 | 66,5             | 2,62 | 250              | 3600 | 1000           | 14400 | 315         | 12,40 | 4,43   | 2,98  |

**! Hydraulic oils: -40°C to +121°C (-40°F to +250°F), occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type   | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20       | -24 | -32 | -40       | -48 |
|----------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----------|-----|
| <b>1 Piece</b> | ● No Skive       |     |     |     |     |     |     |     |     | J         |     |     |           |     |
|                | ■ External Skive |     |     |     |     |     |     |     |     |           | X   |     |           |     |
| <b>2 Piece</b> | ● No Skive       |     |     |     |     |     |     |     |     | B + S312T |     |     |           |     |
|                | ■ External Skive |     |     |     |     |     |     |     |     | B + S0420 |     |     |           |     |
|                | ▲ Interlock      |     |     |     |     |     |     |     |     |           |     |     | I + S0041 |     |



RUBBER | PTFE | THERMOPLASTIC

# FlexIT 4ST+

FOUR WIRE SPIRAL THIN COVER HOSE

ISO 18752  
Exceeds SAE 100 R15

**APPLICATIONS**

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC antiabrasion cover  
MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type      | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|----------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|                | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| FLEXIT 4ST+ 06 | 10            | 3/8"   | 06   | 17,2                   | 0,68 | 19,9             | 0,78 | 450              | 6500 | 1800           | 26000 | 80          | 3,15 | 0,71   | 0,48  |
| FLEXIT 4ST+ 08 | 12            | 1/2"   | 08   | 20,0                   | 0,79 | 22,2             | 0,87 | 420              | 6000 | 1680           | 24000 | 90          | 3,54 | 0,76   | 0,51  |
| FLEXIT 4ST+ 10 | 16            | 5/8"   | 10   | 24,4                   | 0,96 | 26,4             | 1,04 | 420              | 6000 | 1680           | 24000 | 120         | 4,72 | 1,00   | 0,67  |
| FLEXIT 4ST+ 12 | 19            | 3/4"   | 12   | 28,2                   | 1,11 | 30,1             | 1,19 | 420              | 6000 | 1680           | 24000 | 150         | 5,90 | 1,47   | 0,99  |
| FLEXIT 4ST+ 16 | 25            | 1"     | 16   | 34,6                   | 1,36 | 36,6             | 1,44 | 420              | 6000 | 1680           | 24000 | 200         | 7,87 | 1,95   | 1,31  |
| FLEXIT 4ST+ 20 | 31            | 1 1/4" | 20   | 41,9                   | 1,65 | 45,0             | 1,77 | 420              | 6000 | 1680           | 24000 | 250         | 9,84 | 2,49   | 1,67  |

**Hydraulic oils: -40°C to +121°C (-40°F to +250°F), occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | Interlock        |     |     |     |     |     |     |     |     |     |     |     |     |     |



RUBBER | PTFE | THERMOPLASTIC

# FlexIT 6ST

SIX WIRE SPIRAL THIN COVER HOSE

ISO 18752  
Exceeds SAE 100 R15

**APPLICATIONS**

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water.



Synthetic rubber HARC antiabrasion cover  
MSHA flame retardant approved

Six high tensile steel wire spirals

Synthetic rubber tube

| Hose Type     | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|---------------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|               | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT 6ST-20 | 31            | 1 1/4" | 20   | 45,6                   | 1,80 | 48,7             | 1,92 | 420              | 6000 | 1800           | 26000 | 210         | 8,27  | 3,54   | 2,38  |
| FLEXIT 6ST-24 | 38            | 1 1/2" | 24   | 52,5                   | 2,07 | 55,6             | 2,19 | 420              | 6000 | 1680           | 24000 | 240         | 9,44  | 4,42   | 2,97  |
| FLEXIT 6ST-32 | 51            | 2"     | 32   | 66,9                   | 2,63 | 71,5             | 2,82 | 420              | 6000 | 1680           | 24000 | 370         | 14,57 | 7,27   | 4,89  |

**Hydraulic oils: -40°C to +121°C (-40°F to +250°F), occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | Interlock        |     |     |     |     |     |     |     |     |     |     |     |     |     |





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# FlexIT XF-R4

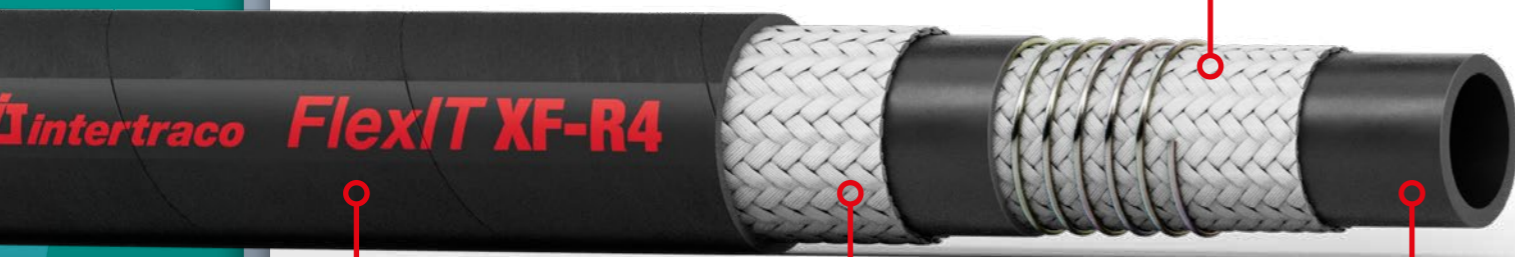
ONE HELICAL WIRE AND TWO TEXTILE BRAID HOSEHOSE

SAE 100 R4

**APPLICATIONS**

Suction and return lines; hydraulic oils, both mineral and biological polyglycol base oils, water-oil emulsions, water.

Helical wire between an inner and an outer textile braid



Synthetic rubber cover MSHA flame retardant approved

Two synthetic textile braids

Synthetic rubber tube

| Hose Type       | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |     | Burst Pressure |      | Bend Radius |       | Weight |       |
|-----------------|---------------|--------|------|------------------------|------|------------------|------|------------------|-----|----------------|------|-------------|-------|--------|-------|
|                 | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi | bar            | psi  | mm          | in    | kg/m   | lb/ft |
| FLEXIT XF-R4-12 | 19            | 3/4"   | 12   | 29,0                   | 1,14 | 0,90             | 26,5 | 21               | 300 | 84             | 1200 | 40          | 1,57  | 0,52   | 0,35  |
| FLEXIT XF-R4-16 | 25            | 1"     | 16   | 35,0                   | 1,38 | 0,90             | 26,5 | 17               | 250 | 68             | 1000 | 45          | 1,77  | 0,64   | 0,43  |
| FLEXIT XF-R4-20 | 31            | 1.1/4" | 20   | 42,0                   | 1,66 | 0,90             | 26,5 | 14               | 200 | 56             | 800  | 60          | 2,36  | 0,82   | 0,55  |
| FLEXIT XF-R4-24 | 38            | 1.1/2" | 24   | 49,0                   | 1,93 | 0,90             | 26,5 | 10               | 150 | 40             | 600  | 80          | 3,15  | 1,07   | 0,72  |
| FLEXIT XF-R4-32 | 51            | 2"     | 32   | 62,0                   | 2,44 | 0,90             | 26,5 | 7                | 100 | 28             | 400  | 160         | 6,30  | 1,54   | 1,04  |
| FLEXIT XF-R4-40 | 63            | 2.1/2" | 40   | 76,0                   | 2,99 | 0,80             | 23,5 | 5                | 70  | 20             | 280  | 180         | 7,09  | 2,02   | 1,36  |
| FLEXIT XF-R4-48 | 76            | 3"     | 48   | 89,0                   | 3,50 | 0,80             | 23,5 | 5                | 70  | 20             | 280  | 225         | 8,86  | 2,50   | 1,69  |
| FLEXIT XF-R4-64 | 102           | 4"     | 64   | 115,0                  | 4,53 | 0,80             | 23,5 | 5                | 70  | 20             | 280  | 390         | 15,35 | 3,63   | 2,45  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F)w**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16       | -20       | -24 | -32 | -40 | -48       | -64 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----------|-----------|-----|-----|-----|-----------|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     | K         |           |     |     |     | J         |     |
|              | External Skive   |     |     |     |     |     |     |     |           |           |     |     |     |           |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     | B + SN03T | B + S0420 |     |     |     | B + SN03T |     |
|              | External Skive   |     |     |     |     |     |     |     |           |           |     |     |     |           |     |



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# FlexIT 4SF+

FOUR WIRE SPIRAL THIN COVER HOSE

ISO 18752

Exceeds SAE 100 R15

**APPLICATIONS**

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC anti abrasion cover MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type     | Hose Diameter |      |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|---------------|---------------|------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|               | dn            | Inch | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| FLEXIT 4SF+06 | 10            | 3/8" | 06   | 17,2                   | 0,68 | 19,9             | 0,78 | 420              | 6000 | 1680           | 24000 | 60          | 2,36 | 0,71   | 0,48  |
| FLEXIT 4SF+08 | 12            | 1/2" | 08   | 20,0                   | 0,79 | 22,2             | 0,87 | 420              | 6000 | 1680           | 24000 | 90          | 3,54 | 0,76   | 0,51  |
| FLEXIT 4SF+10 | 16            | 5/8" | 10   | 24,4                   | 0,96 | 26,4             | 1,04 | 420              | 6000 | 1680           | 24000 | 110         | 4,33 | 1,00   | 0,67  |
| FLEXIT 4SF+12 | 19            | 3/4" | 12   | 28,2                   | 1,11 | 30,1             | 1,19 | 420              | 6000 | 1680           | 24000 | 120         | 4,72 | 1,47   | 0,99  |
| FLEXIT 4SF+16 | 25            | 1"   | 16   | 34,6                   | 1,36 | 36,6             | 1,44 | 420              | 6000 | 1680           | 24000 | 150         | 5,91 | 1,95   | 1,31  |

**Hydraulic oils: -40°C to +121°C (-40°F to +250°F) - occasional peaks up to +125°C (+257°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40       | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     | J         |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     | X         |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     | B + S312T |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     | B + S0420 |     |
|              | Interlock        |     |     |     |     |     |     |     |     |     |     |     | I + S0041 |     |



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# BRIDGESTONE 4ST

FOUR WIRE SPIRAL THIN COVER HOSE

## II SERIES

ISO 18752 (all sizes)  
exceeds EN 856 4SH (sizes -20 / -32)

### APPLICATIONS

High pressure hydraulic system for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC anti abrasion cover  
MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|           | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| 4ST-10*   | 16            | 5/8"   | 10   | 24,4                   | 0,96 | 26,4             | 1,04 | 350              | 5000 | 1400           | 20000 | 100         | 3,94  | 0,99   | 0,67  |
| 4ST-12*   | 19            | 3/4"   | 12   | 27,0                   | 1,06 | 29,0             | 1,14 | 350              | 5000 | 1400           | 20000 | 120         | 4,72  | 1,08   | 0,73  |
| 4ST-16*   | 25            | 1"     | 16   | 34,6                   | 1,36 | 36,4             | 1,43 | 350              | 5000 | 1400           | 20000 | 150         | 5,91  | 1,73   | 1,16  |
| 4ST-20*   | 31            | 1.1/4" | 20   | 41,9                   | 1,65 | 44,3             | 1,74 | 350              | 5000 | 1400           | 20000 | 210         | 8,27  | 2,39   | 1,61  |
| 4ST-24*   | 38            | 1.1/2" | 24   | 48,8                   | 1,92 | 52,0             | 2,05 | 300              | 4350 | 1200           | 17400 | 280         | 11,02 | 3,03   | 2,04  |
| 4ST-32*   | 51            | 2"     | 32   | 63,2                   | 2,49 | 66,5             | 2,62 | 250              | 3600 | 1000           | 14400 | 315         | 12,40 | 4,43   | 2,98  |
| 4ST-40    | 63            | 2.1/2" | 40   | 76,8                   | 3,02 | 82,4             | 3,24 | 140              | 2000 | 560            | 8000  | 700         | 27,56 | 5,51   | 3,70  |

**! Hydraulic oils: -40 °C to +121 °C (-40 °F to +250 °F) - occasional peaks up to +125 °C (+257 °F)**

\* II series

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | Interlock        |     |     |     |     |     |     |     |     |     |     |     |     |     |



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# BRIDGESTONE 4ST+

FOUR WIRE SPIRAL THIN COVER HOSE

ISO 18752  
Exceeds SAE 100 R15

### APPLICATIONS

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC antiabrasion cover  
MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|           | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| 4ST+06    | 10            | 3/8"   | 06   | 17,2                   | 0,68 | 19,9             | 0,78 | 450              | 6500 | 1800           | 26000 | 100         | 3,94  | 0,71   | 0,48  |
| 4ST+08    | 12            | 1/2"   | 08   | 20,0                   | 0,79 | 22,2             | 0,87 | 420              | 6000 | 1680           | 24000 | 110         | 4,33  | 0,76   | 0,51  |
| 4ST+10    | 16            | 5/8"   | 10   | 24,4                   | 0,96 | 26,4             | 1,04 | 420              | 6000 | 1680           | 24000 | 140         | 5,51  | 1,00   | 0,67  |
| 4ST+12    | 19            | 3/4"   | 12   | 28,2                   | 1,11 | 30,1             | 1,19 | 420              | 6000 | 1680           | 24000 | 170         | 6,69  | 1,47   | 0,99  |
| 4ST+16    | 25            | 1"     | 16   | 34,6                   | 1,36 | 36,6             | 1,44 | 420              | 6000 | 1680           | 24000 | 220         | 8,66  | 1,95   | 1,31  |
| 4ST+20*   | 31            | 1.1/4" | 20   | 41,9                   | 1,65 | 45,0             | 1,77 | 420              | 6000 | 1680           | 24000 | 380         | 14,96 | 2,49   | 1,67  |

**! Hydraulic oils: -40 °C to +121 °C (-40 °F to +250 °F) - occasional peaks up to +125 °C (+257 °F)**

\* Special Hose

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     |     |     |     |     |     |
|              | Interlock        |     |     |     |     |     |     |     |     |     |     |     |     |     |



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# BRIDGESTONE 6ST

SIX WIRE SPIRAL THIN COVER HOSE

## II SERIES

ISO 18752  
Exceeds SAE 100 R15

### APPLICATIONS

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC anti abrasion cover  
MSHA flame retardant approved

Six high tensile steel wire spirals

Synthetic rubber tube

| Hose Type | Hose Diameter |        |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------|---------------|--------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|           | dn            | Inch   | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| 6ST-20*   | 31            | 1.1/4" | 20   | 45,6                   | 1,80 | 48,7             | 1,92 | 420              | 6000 | 1680           | 24000 | 210         | 8,27  | 3,54   | 2,38  |
| 6ST-24*   | 38            | 1.1/2" | 24   | 52,5                   | 2,07 | 55,6             | 2,19 | 420              | 6000 | 1680           | 24000 | 240         | 9,45  | 4,42   | 2,97  |
| 6ST-32*   | 51            | 2"     | 32   | 66,9                   | 2,63 | 71,5             | 2,82 | 420              | 6000 | 1680           | 24000 | 370         | 14,57 | 7,27   | 4,89  |
| 6ST-40    | 63            | 2.1/2" | 40   | 81,9                   | 3,22 | 87,6             | 3,45 | 350              | 5000 | 1400           | 20000 | 800         | 31,50 | 9,15   | 6,15  |

**Hydraulic oils: -40 °C to +121 °C (-40 °F to +250 °F) - occasional peaks up to +125 °C (+257 °F)**

\* II series

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32       | -40 | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     | H   | HLZ |           |     |     |
|              | External Skive   |     |     |     |     |     |     |     |     | X   |     |           |     |     |
| 2 Piece      | Interlock        |     |     |     |     |     |     |     |     |     |     | I + S0061 |     |     |



RUBBER | PTFE | THERMOPLASTIC

# BRIDGESTONE 4SF+

FOUR WIRE SPIRAL THIN COVER HOSE

ISO 18752  
Exceeds SAE 100 R15

### APPLICATIONS

High pressure hydraulic system with extreme high pressure peaks for use with hydraulic oils, both mineral and biological, polyglycol base oils, water-oil emulsions, water



Synthetic rubber HARC antiabrasion cover  
MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type | Hose Diameter |      |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|-----------|---------------|------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|           | dn            | Inch | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| 4SF+06    | 10            | 3/8" | 06   | 17,2                   | 0,68 | 19,9             | 0,78 | 420              | 6000 | 1680           | 24000 | 60          | 2,36 | 0,71   | 0,48  |
| 4SF+08    | 12            | 1/2" | 08   | 20,0                   | 0,79 | 22,2             | 0,87 | 420              | 6000 | 1680           | 24000 | 90          | 3,54 | 0,76   | 0,51  |
| 4SF+10    | 16            | 5/8" | 10   | 24,4                   | 0,96 | 26,4             | 1,04 | 420              | 6000 | 1680           | 24000 | 100         | 3,94 | 1,00   | 0,67  |
| 4SF+12    | 19            | 3/4" | 12   | 28,2                   | 1,11 | 30,1             | 1,19 | 420              | 6000 | 1680           | 24000 | 120         | 4,72 | 1,42   | 0,95  |
| 4SF+16    | 25            | 1"   | 16   | 34,6                   | 1,36 | 36,6             | 1,44 | 420              | 6000 | 1680           | 24000 | 150         | 5,91 | 1,96   | 1,32  |

**Hydraulic oils: -40 °C to +121 °C (-40 °F to +250 °F) - occasional peaks up to +125 °C (+257 °F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20       | -24 | -32 | -40       | -48 |
|--------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----------|-----|-----|-----------|-----|
| 1 Piece      | No Skive         |     |     |     |     |     |     |     |     | J         |     |     |           |     |
|              | External Skive   |     |     |     |     |     |     |     |     | X         |     |     |           |     |
| 2 Piece      | No Skive         |     |     |     |     |     |     |     |     | B + S312T |     |     |           |     |
|              | External Skive   |     |     |     |     |     |     |     |     | B + S0420 |     |     |           |     |
|              | Interlock        |     |     |     |     |     |     |     |     |           |     |     | I + S0041 |     |

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# FlexIT R5

ONE TEXTILE AND ONE WIRE BRAID HOSE

SAE 100 R5

**APPLICATIONS**

hydraulic oils, both mineral & biological; polyglycol base oils, water/oil emulsions, water



Blue polyester textile braid cover for hydraulic oils high temperature (+135°C / +275°F) One tensile steel wire braid One synthetic textile braid Synthetic rubber tube

| Hose Type    | Hose Diameter |          |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |       | Weight |       |
|--------------|---------------|----------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|-------|--------|-------|
|              | dn            | Inch     | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| FLEXIT R5-04 | 5             | 3/16"    | 04   | 11,3                   | 0,45 | 12,9             | 0,51 | 210              | 3000 | 840            | 12000 | 75          | 2,95  | 0,25   | 0,17  |
| FLEXIT R5-05 | 6             | 1/4"     | 05   | 12,9                   | 0,51 | 14,5             | 0,57 | 210              | 3000 | 840            | 12000 | 85          | 3,35  | 0,29   | 0,19  |
| FLEXIT R5-06 | 8             | 5/16"    | 06   | 15,2                   | 0,60 | 16,8             | 0,66 | 155              | 2250 | 620            | 9000  | 100         | 3,94  | 0,36   | 0,24  |
| FLEXIT R5-08 | 10            | 13/32"   | 08   | 17,5                   | 0,69 | 19,1             | 0,75 | 140              | 2000 | 560            | 8000  | 115         | 4,53  | 0,42   | 0,28  |
| FLEXIT R5-10 | 12            | 1/2"     | 10   | 21,3                   | 0,84 | 22,9             | 0,90 | 122              | 1750 | 488            | 7000  | 140         | 5,51  | 0,57   | 0,38  |
| FLEXIT R5-12 | 16            | 5/8"     | 12   | 25,5                   | 1,00 | 27,1             | 1,07 | 105              | 1500 | 420            | 6000  | 165         | 6,50  | 0,71   | 0,47  |
| FLEXIT R5-16 | 22            | 7/8"     | 16   | 29,2                   | 1,15 | 30,8             | 1,21 | 56               | 800  | 224            | 3200  | 185         | 7,28  | 0,70   | 0,47  |
| FLEXIT R5-20 | 28            | 1.1/8"   | 20   | 36,0                   | 1,42 | 37,6             | 1,48 | 43               | 625  | 172            | 2500  | 230         | 9,06  | 0,93   | 0,62  |
| FLEXIT R5-24 | 35            | 1.3/8"   | 24   | 42,8                   | 1,69 | 44,4             | 1,75 | 35               | 500  | 140            | 2000  | 265         | 10,43 | 1,15   | 0,77  |
| FLEXIT R5-32 | 46            | 1.13/16" | 32   | 54,3                   | 2,14 | 56,4             | 2,22 | 24               | 350  | 96             | 1400  | 335         | 13,19 | 1,39   | 0,93  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type  | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|---|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece  | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     | R   |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT EZ-Lock

PUSH-ON HOSE

SAE 100 R6

**APPLICATIONS**

hydraulic oils, both mineral and biological; polyglycol base oils, water/oil emulsions, water






Synthetic rubber cover On request: smooth or wrapped cover One synthetic textile braids Synthetic rubber tube

| Hose Type    | Hose Diameter |       |      | Outside Diameter |      | Working Pressure |     | Burst Pressure |      | Bend Radius |      | Weight |       |
|--------------|---------------|-------|------|------------------|------|------------------|-----|----------------|------|-------------|------|--------|-------|
|              | dn            | Inch  | Size | mm               | in   | bar              | psi | bar            | psi  | mm          | in   | kg/m   | lb/ft |
| FLEXIT EZ-04 | 6             | 1/4"  | 04   | 12,3             | 0,48 | 28               | 400 | 112            | 1600 | 65          | 2,56 | 0,11   | 0,07  |
| FLEXIT EZ-05 | 8             | 5/16" | 05   | 13,9             | 0,55 | 28               | 400 | 112            | 1600 | 80          | 3,15 | 0,13   | 0,08  |
| FLEXIT EZ-06 | 10            | 3/8"  | 06   | 15,5             | 0,61 | 28               | 400 | 112            | 1600 | 80          | 3,15 | 0,15   | 0,10  |
| FLEXIT EZ-08 | 12            | 1/2"  | 08   | 19,5             | 0,77 | 28               | 400 | 112            | 1600 | 100         | 3,94 | 0,20   | 0,13  |
| FLEXIT EZ-10 | 16            | 5/8"  | 10   | 22,6             | 0,89 | 24               | 350 | 96             | 1400 | 125         | 4,92 | 0,26   | 0,17  |
| FLEXIT EZ-12 | 19            | 3/4"  | 12   | 25,8             | 1,02 | 21               | 300 | 84             | 1200 | 150         | 5,91 | 0,31   | 0,20  |
| FLEXIT EZ-16 | 25            | 1"    | 16   | 33,2             | 1,31 | 20               | 290 | 80             | 1160 | 170         | 6,69 | 0,46   | 0,31  |

**Hydraulic oils: -40°C to +100°C (-40°F to +212°F)**

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type  | Assembling Style | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48       |
|---|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
| 1 Piece    | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     | T         |
| 2 Piece    | No Skive         |     |     |     |     |     |     |     |     |     |     |     |     | B + S00TK |
| Push Lock  | Push Lock        |     |     |     |     |     |     |     |     |     |     |     |     | L         |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT JW1K

ONE WIRE BRAID HOSE

## JET WASH HOSE

Black wrapped synthetic rubber cover (N = black)  
On request: smooth cover

### APPLICATIONS

Medium pressure cleaning application with hot water



Blue wrapped synthetic rubber cover (B= blue);  
On request: smooth cover

One high tensile steel wire braid



Synthetic rubber tube

| Hose Type  | Hose Diameter |       |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|--|---------------|-------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|  | dn            | Inch  | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| <b>FLEXIT JW1KN-04</b><br><b>FLEXIT JW1KB-04</b> | 6             | 1/4"  | 04   | 9,9                    | 0,39 | 11,8             | 0,46 | 250              | 3600 | 1000           | 14500 | 75          | 2,95 | 0,18   | 0,12  |
| <b>FLEXIT JW1KN-05</b><br><b>FLEXIT JW1KB-05</b> | 8             | 5/16" | 05   | 11,7                   | 0,46 | 13,7             | 0,54 | 250              | 3600 | 1000           | 14500 | 85          | 3,35 | 0,22   | 0,15  |
| <b>FLEXIT JW1KN-06</b><br><b>FLEXIT JW1KB-06</b> | 10            | 3/8"  | 06   | 13,6                   | 0,54 | 16,5             | 0,65 | 250              | 3600 | 950            | 13800 | 90          | 3,54 | 0,26   | 0,17  |
| <b>FLEXIT JW1KN-08</b><br><b>FLEXIT JW1KB-08</b> | 12            | 1/2"  | 08   | 17,0                   | 0,67 | 19,6             | 0,77 | 250              | 3600 | 840            | 12200 | 130         | 5,12 | 0,35   | 0,23  |



Water: -40°C to +150°C (-40°F to +302°F)

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type   | Assembling Style               | -03 | -04 | -05 | -06 | -08              | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--|--------------------------------|-----|-----|-----|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>1 Piece</b>  | <input type="radio"/> No Skive |     |     |     |     | <b>K</b>         |     |     |     |     |     |     |     |     |
| <b>2 Piece</b>  | <input type="radio"/> No Skive |     |     |     |     | <b>B + SCXOT</b> |     |     |     |     |     |     |     |     |

WIRE BRAID  
WIRE SPIRAL  
TEXTILE

RUBBER | PTFE | THERMOPLASTIC

# FlexIT JW2K

TWO WIRE BRAID HOSE

## JET WASH HOSE

Black wrapped synthetic rubber cover (N = black)  
On request: smooth cover

### APPLICATIONS

medium pressure cleaning application with hot water



Blue wrapped synthetic rubber cover (B= blue);  
On request: smooth cover

Two high tensile steel wire braids



Synthetic rubber tube

| Hose Type  | Hose Diameter |       |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|--|---------------|-------|------|------------------------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|  | dn            | Inch  | Size | mm                     | in   | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| <b>FLEXIT JW2KN-04</b><br><b>FLEXIT JW2KB-04</b> | 6             | 1/4"  | 04   | 11,3                   | 0,45 | 13,2             | 0,52 | 400              | 5800 | 1600           | 23200 | 70          | 2,95 | 0,25   | 0,17  |
| <b>FLEXIT JW2KN-05</b><br><b>FLEXIT JW2KB-05</b> | 8             | 5/16" | 05   | 12,7                   | 0,50 | 14,9             | 0,59 | 400              | 5800 | 1400           | 20300 | 85          | 3,35 | 0,30   | 0,20  |
| <b>FLEXIT JW2KN-06</b><br><b>FLEXIT JW2KB-06</b> | 10            | 3/8"  | 06   | 14,7                   | 0,58 | 17,1             | 0,67 | 400              | 5800 | 1320           | 19100 | 90          | 3,54 | 0,37   | 0,25  |
| <b>FLEXIT JW2KN-08</b><br><b>FLEXIT JW2KB-08</b> | 12            | 1/2"  | 08   | 18,0                   | 0,71 | 20,2             | 0,80 | 400              | 5800 | 1100           | 16000 | 130         | 5,12 | 0,46   | 0,31  |



Water: -40°C to +150°C (-40°F to +302°F)

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type   | Assembling Style               | -03 | -04 | -05 | -06 | -08              | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|--|--------------------------------|-----|-----|-----|-----|------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>1 Piece</b>  | <input type="radio"/> No Skive |     |     |     |     | <b>K</b>         |     |     |     |     |     |     |     |     |
| <b>2 Piece</b>  | <input type="radio"/> No Skive |     |     |     |     | <b>B + SCXOT</b> |     |     |     |     |     |     |     |     |

WIRE BRAID  
WIRE SPIRAL  
TEXTILE

RUBBER | PTFE | THERMOPLASTIC

# FlexIT WB1

FOUR WIRE SPIRAL HOSE

## WATERBLAST HOSE

### APPLICATIONS

Very high constant pressure hose for water and water emulsions scaling systems



Synthetic rubber cover

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type            | Hose Diameter |      |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |       | Burst Pressure |       | Bend Radius |       | Weight |       |
|----------------------|---------------|------|------|------------------------|------|------------------|------|------------------|-------|----------------|-------|-------------|-------|--------|-------|
|                      | dn            | Inch | Size | mm                     | in   | mm               | in   | bar              | psi   | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| <b>FLEXIT WB1-04</b> | 6             | 1/4" | 04   | 14,7                   | 0,58 | 17,9             | 0,71 | 800              | 11500 | 2000           | 28750 | 125         | 4,92  | 0,61   | 0,41  |
| <b>FLEXIT WB1-06</b> | 10            | 3/8" | 06   | 17,5                   | 0,69 | 21,2             | 0,84 | 800              | 11500 | 2000           | 28750 | 155         | 6,10  | 0,78   | 0,52  |
| <b>FLEXIT WB1-08</b> | 12            | 1/2" | 08   | 20,2                   | 0,80 | 24,4             | 0,96 | 800              | 11500 | 2000           | 28750 | 200         | 7,87  | 0,91   | 0,61  |
| <b>FLEXIT WB1-12</b> | 19            | 3/4" | 12   | 28,2                   | 1,11 | 32,0             | 1,26 | 700              | 10000 | 1750           | 25000 | 250         | 9,84  | 1,54   | 1,03  |
| <b>FLEXIT WB1-16</b> | 25            | 1"   | 16   | 35,1                   | 1,38 | 38,4             | 1,51 | 700              | 10000 | 1750           | 25000 | 300         | 11,81 | 2,13   | 1,43  |



Water emulsions: -40°C to +80°C (-40°F to +176°F)

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type      | Assembling Style | -03 | -04 | -- | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|-------------------|------------------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>WATERBLAST</b> | ▲ Interlock      |     |     |    |     |     |     |     |     |     |     |     |     |     |
|                   |                  |     |     |    |     |     |     |     |     |     |     |     |     |     |



II SERIES

FOUR WIRE BRAID HOSE

RUBBER | PTFE | THERMOPLASTIC

# FlexIT WB2

## WATERBLAST HOSE

### APPLICATIONS

Very high constant pressure hose for water and water emulsions scaling systems



Synthetic rubber HARC antiabrasion cover MSHA flame retardant approved

Four high tensile steel wire spirals

Synthetic rubber tube

| Hose Type             | Hose Diameter |      |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |       | Burst Pressure |       | Bend Radius |      | Weight |       |
|-----------------------|---------------|------|------|------------------------|------|------------------|------|------------------|-------|----------------|-------|-------------|------|--------|-------|
|                       | dn            | Inch | Size | mm                     | in   | mm               | in   | bar              | psi   | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| <b>FLEXIT WB2-06*</b> | 10            | 3/8" | 06   | 18,4                   | 0,72 | 21,5             | 0,85 | 1250             | 18000 | 3125           | 45000 | 230         | 9,06 | 0,79   | 0,53  |
| <b>FLEXIT WB2-08*</b> | 12            | 1/2" | 08   | 21,5                   | 0,85 | 24,1             | 0,95 | 1100             | 16000 | 2750           | 40000 | 230         | 9,06 | 1,10   | 0,74  |
| <b>FLEXIT WB2-12*</b> | 19            | 3/4" | 12   | 29,4                   | 1,16 | 32,2             | 1,27 | 1000             | 14500 | 2500           | 36250 | 250         | 9,84 | 1,70   | 1,14  |



Water emulsions: -40°C to +80°C (-40°F to +176°F)

\* II series

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type      | Assembling Style | -03 | -04 | -05 | -06 | -08 | -- | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|-------------------|------------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| <b>WATERBLAST</b> | ▲ Interlock      |     |     |     |     |     |    |     |     |     |     |     |     |     |
|                   |                  |     |     |     |     |     |    |     |     |     |     |     |     |     |



WATERBLAST

WIRE BRAID  
WIRE SPIRAL  
TEXTILE

WATERBLAST

WIRE BRAID  
WIRE SPIRAL  
TEXTILE

RUBBER | PTFE | THERMOPLASTIC

# FlexIT WB3

II SERIES

FOUR OR SIX WIRE SPIRAL HOSE

## WATERBLAST HOSE

Four high tensile steel wire spirals (size -06)

### APPLICATIONS

Very high constant pressure hose for water and water emulsions scaling systems



Synthetic rubber HARC antiabrasion cover  
MSHA flame retardant approved

Six high tensile steel wire spirals  
(sizes -08 & -12)

Synthetic rubber tube

| Hose Type             | Hose Diameter |      |      | Reinforcement Diameter |      | Outside Diameter |      | Working Pressure |       | Burst Pressure |       | Bend Radius |       | Weight |       |
|-----------------------|---------------|------|------|------------------------|------|------------------|------|------------------|-------|----------------|-------|-------------|-------|--------|-------|
|                       | dn            | Inch | Size | mm                     | in   | mm               | in   | bar              | psi   | bar            | psi   | mm          | in    | kg/m   | lb/ft |
| <b>FLEXIT WB3-06*</b> | 10            | 3/8" | 06   | 19,2                   | 0,76 | 22,2             | 0,87 | 1400             | 20000 | 3500           | 50000 | 150         | 5,91  | 0,71   | 0,48  |
| <b>FLEXIT WB3-08*</b> | 12            | 1/2" | 08   | 25,9                   | 1,02 | 28,9             | 1,14 | 1450             | 21000 | 3625           | 52500 | 250         | 9,84  | 1,90   | 1,28  |
| <b>FLEXIT WB3-12*</b> | 19            | 3/4" | 12   | 32,2                   | 1,27 | 34,5             | 1,36 | 1350             | 19500 | 3375           | 48750 | 300         | 11,81 | 2,20   | 1,48  |

**!** Water emulsions: -40°C to +80°C (-40°F to +176°F)

\* II Series

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type      | Assembling Style | -03 | -04 | -05 | -06 | -08 | -- | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|-------------------|------------------|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|
| <b>WATERBLAST</b> | ▲ Interlock      |     |     |     |     |     |    |     |     |     |     |     |     |     |
|                   |                  |     |     |     |     |     |    |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT T14

ONE WIRE BRAID HOSE

### APPLICATIONS

Petroleum base and synthetic base hydraulic fluids; water base hydraulic fluids



One stainless steel wire braid cover

Polytetrafluorethylene tube

| Hose Type            | Hose Diameter |       |      | Maximum Outside Diameter |      | Outside Diameter |      | Working Pressure |       | Burst Pressure |       | Bend Radius |      | Weight |       |
|----------------------|---------------|-------|------|--------------------------|------|------------------|------|------------------|-------|----------------|-------|-------------|------|--------|-------|
|                      | dn            | Inch  | Size | mm                       | in   | mm               | in   | bar              | psi   | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| <b>FLEXIT T14-02</b> | 3             | 1/8"  | 02   | 6,7                      | 0,26 | 275              | 4000 | 1100             | 16000 | 25             | 0,98  | 0,06        | 0,04 | 0,90   | 0,60  |
| <b>FLEXIT T14-03</b> | 5             | 3/16" | 03   | 8,0                      | 0,32 | 200              | 2900 | 800              | 11600 | 35             | 1,38  | 0,07        | 0,05 | 1,24   | 0,83  |
| <b>FLEXIT T14-04</b> | 6             | 1/4"  | 04   | 9,5                      | 0,37 | 175              | 2500 | 700              | 10000 | 45             | 1,77  | 0,09        | 0,06 | 1,87   | 1,26  |
| <b>FLEXIT T14-05</b> | 8             | 5/16" | 05   | 11,8                     | 0,47 | 150              | 2200 | 600              | 8800  | 50             | 1,97  | 0,13        | 0,08 |        |       |
| <b>FLEXIT T14-06</b> | 10            | 3/8"  | 06   | 14,1                     | 0,56 | 135              | 2000 | 540              | 8000  | 55             | 2,17  | 0,15        | 0,10 |        |       |
| <b>FLEXIT T14-08</b> | 12            | 1/2"  | 08   | 17,2                     | 0,68 | 120              | 1750 | 480              | 7000  | 70             | 2,76  | 0,21        | 0,14 |        |       |
| <b>FLEXIT T14-10</b> | 16            | 5/8"  | 10   | 20,5                     | 0,81 | 100              | 1450 | 400              | 5800  | 130            | 5,12  | 0,26        | 0,17 |        |       |
| <b>FLEXIT T14-12</b> | 19            | 3/4"  | 12   | 23,7                     | 0,93 | 90               | 1300 | 360              | 5200  | 190            | 7,48  | 0,32        | 0,22 |        |       |
| <b>FLEXIT T14-16</b> | 25            | 1"    | 16   | 30,0                     | 1,18 | 65               | 950  | 260              | 3800  | 270            | 10,63 | 0,45        | 0,30 |        |       |

**!** Hydraulic oils: -54°C to +200°C (-65°F to +400°F)

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type   | Assembling Style | -02 | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|----------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>1 Piece</b> | ● No Skive       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>2 Piece</b> | ● No Skive       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT T7

TWO TEXTILE BRAID HOSE

Meets or exceeds ISO 3949 R7 and SAE 100 R7

**APPLICATIONS**

Both mineral and biological, polyglycol base oils, water-oil emulsions, water

Black polyurethane cover; pinpricked



Orange anti-abrasion Marine polyurethane cover, electrically non-conductive



Two polyester wire braids

Thermoplastic polyester tube

| Hose Type    | Hose Diameter |       |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|--------------|---------------|-------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|              | dn            | Inch  | Size | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| FLEXIT T7-03 | 5             | 3/16" | 03   | 10,0             | 0,39 | 210              | 3000 | 840            | 12000 | 30          | 1,18 | 0,07   | 0,05  |
| FLEXIT T7-04 | 6             | 1/4"  | 04   | 11,8             | 0,47 | 200              | 2900 | 800            | 11600 | 35          | 1,38 | 0,09   | 0,06  |
| FLEXIT T7-05 | 8             | 5/16" | 05   | 14,3             | 0,56 | 190              | 2750 | 760            | 11000 | 45          | 1,77 | 0,13   | 0,09  |
| FLEXIT T7-06 | 10            | 3/8"  | 06   | 16,0             | 0,63 | 175              | 2500 | 700            | 10000 | 55          | 2,17 | 0,16   | 0,10  |
| FLEXIT T7-08 | 12            | 1/2"  | 08   | 20,3             | 0,80 | 140              | 2000 | 560            | 8000  | 75          | 2,95 | 0,22   | 0,15  |
| FLEXIT T7-10 | 16            | 5/8"  | 10   | 23,5             | 0,93 | 105              | 1500 | 420            | 6000  | 120         | 4,72 | 0,28   | 0,19  |
| FLEXIT T7-12 | 19            | 3/4"  | 12   | 26,5             | 1,04 | 90               | 1300 | 360            | 5200  | 145         | 5,71 | 0,33   | 0,22  |
| FLEXIT T7-16 | 25            | 1"    | 16   | 33,6             | 1,32 | 70               | 1000 | 280            | 4000  | 200         | 7,87 | 0,40   | 0,27  |

**!** Hydraulic oils: -40°C to +100°C (-40°F to +212°F)  
Polyglycol base oils, water-oil emulsions, water, air: up to +65°C (+149°F)

Compatibility Chart Between This Hose & Intertraco Approved Fittings

| Fitting Type  | Assembling Style               | -03 | -04 | -05 | -06 | -08 | -10 | -12 | -16 | -20 | -24 | -32 | -40 | -48 |
|---|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 Piece  | <input type="radio"/> No Skive |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2 Piece  | <input type="radio"/> No Skive |     |     |     |     |     |     |     |     |     |     |     |     |     |

RUBBER | PTFE | THERMOPLASTIC

# FlexIT T8

TWO TEXTILE BRAID HOSE

Meets or exceeds ISO 3949 R8 and SAE 100 R8

**APPLICATIONS**

Petroleum base and synthetic base hydraulic fluids; water base hydraulic fluids

Black polyurethane cover; pinpricked



Orange anti-abrasion Marine polyurethane cover, electrically non-conductive

Two high tenacity textiles fibre

Thermoplastic polyester tube

| Hose Type    | Hose Diameter |       |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|--------------|---------------|-------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|              | dn            | Inch  | Size | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| FLEXIT T8-02 | 3             | 1/8"  | 02   | 7,1              | 0,28 | 420              | 6000 | 1680           | 24000 | 30          | 1,18 | 0,04   | 0,02  |
| FLEXIT T8-03 | 5             | 3/16" | 03   | 10,0             | 0,39 | 350              | 5000 | 1400           | 20000 | 35          | 1,38 | 0,09   | 0,20  |
| FLEXIT T8-04 | 6             | 1/4"  | 04   | 11,8             | 0,47 | 350              | 5000 | 1400           | 20000 | 50          | 1,97 | 0,10   | 0,22  |
| FLEXIT T8-05 | 8             | 5/16" | 05   | 14,3             | 0,56 | 325              | 4700 | 1300           | 18800 | 60          | 2,36 | 0,13   | 0,29  |
| FLEXIT T8-06 | 10            | 3/8"  | 06   | 16,0             | 0,63 | 280              | 4000 | 1120           | 16000 | 70          | 2,76 | 0,15   | 0,33  |
| FLEXIT T8-08 | 12            | 1/2"  | 08   | 20,3             | 0,80 | 245              | 3500 | 980            | 14000 | 95          | 3,74 | 0,22   | 0,48  |

**!** Hydraulic oils: -40°C to +100°C (-40°F to +212°F)  
Polyglycol base oils, water-oil emulsions, water, air: up to +70°C (+158°F)

For Intertraco fitting compatibility please contact our sales department.



RUBBER | PTFE | THERMOPLASTIC

# FlexIT T18

TWO TEXTILE BRAID HOSE

Meets or exceeds ISO 3949 R18 and SAE 100 R18

**APPLICATIONS**

Both mineral and biological, polyglycol base oils, water-oil emulsions, water



Black anti-abrasion Marine polyurethane cold temperature cover; pinpricked

Two polyester wire braids

Thermoplastic polyester tube

| Hose Type     | Hose Diameter |       |      | Outside Diameter |      | Working Pressure |      | Burst Pressure |       | Bend Radius |      | Weight |       |
|---------------|---------------|-------|------|------------------|------|------------------|------|----------------|-------|-------------|------|--------|-------|
|               | dn            | Inch  | Size | mm               | in   | bar              | psi  | bar            | psi   | mm          | in   | kg/m   | lb/ft |
| FLEXIT T18-03 | 5             | 3/16" | 03   | 10,5             | 0,41 | 250              | 3600 | 1000           | 14400 | 30          | 1,18 | 0,08   | 0,18  |
| FLEXIT T18-04 | 6             | 1/4"  | 04   | 12,7             | 0,50 | 250              | 3600 | 1000           | 14400 | 40          | 1,57 | 0,11   | 0,24  |
| FLEXIT T18-05 | 8             | 5/16" | 05   | 15,0             | 0,59 | 250              | 3600 | 1000           | 14400 | 50          | 1,97 | 0,15   | 0,33  |
| FLEXIT T18-06 | 10            | 3/8"  | 06   | 18,0             | 0,71 | 250              | 3600 | 1000           | 14400 | 50          | 1,97 | 0,20   | 0,44  |
| FLEXIT T18-08 | 12            | 1/2"  | 08   | 22,8             | 0,90 | 210              | 3000 | 840            | 12000 | 70          | 2,76 | 0,31   | 0,68  |

**! Hydraulic oils: -54°C to +100°C (-65°F to +212°F)  
Polyglycol base oils, water-oil emulsions, water, air: up to +70°C (+158°F)**

For Intertraco fitting compatibility please contact our sales department.

## Precautions

### 1. PROTECTION AGAINST DANGER & DAMAGE

In order to protect people from danger and products from damages use the following hose assembly specifications strictly. Failing to do so may cause serious harm & could result in application malfunctions such as early burst or leakage.

**For a safe usage please note the following instructions:**

#### Do not touch the pressurized hose and coupling

Should a hose or a coupling break while pressurized, it may cause severe injuries, such as body parts burn or organs destruction. Always avoid contact; if contact cannot be avoided make sure to apply plastic cover for protection before pressurize the hose assembly.

#### Do not electrify the hose assembly

Make sure there is no electrostatic conduction on the hose: electrified hose assembly may cause severe injuries like electric shock and may lead to hose and application malfunctions.

#### Avoid contact with objects that can cause abrasion or damage

In order to protect hose assemblies from excessive wearing caused by sharp objects or abrasive materials, use flat armoured spring guards.

#### Avoid excessive and extended external force or pressure

The stress of excessive & extended external impacts, blows, pressure, tension etc. might compromise the correct performance of the hose assembly.

#### Avoid excessive and extended negative pressure

The stress of excessive and extended negative pressure inside the hose, can scrape the inner tube which might cause leakage.

#### Avoid twisting or pulling the hose

Twisting or pulling a pressurized hose assembly may break the hose end. If hose twisting cannot be avoided make sure to combine the hose with a swivel joint.

#### Avoid tight bend radius

Bending the hose too tight may cause an early break and failures. Make sure to have a bending radius that is in accordance with the bending radius specification stated in the hose specific catalogue page. Utilize proper adapters or spring guards to avoid excessive bending.

#### Avoid exceeding the temperature range

The usage of a hose outside the recommended temperature range can cause failures which may lead to hose burst or to coupling blow-off.

#### Remove the inside air

Air left inside the hose may damage the inner tube and cause leakage and catastrophic failures.

#### Tighten the couplings properly

When connecting the hose assembly to the machine make sure to apply the recommended torque: a under-tightened coupling may lead to leakages whereas a over-tightened coupling may result in over-stressing and/or cracking.

#### Make sure of proper fluid compatibility

The usage of inappropriate or incompatible fluid will deteriorate the inner tube and/or the reinforcement, which may lead to hose burst or coupling blow-off.

#### Use the hose assembly in accordance with its maximum working pressure

Using the hose above its maximum working pressure may lead to hose burst or to the coupling blow-off. Make always sure to use the hose at a pressure that is in accordance with the maximum working pressure specification as stated in the hose specific catalogue page.

#### Be careful when submerging the hose assembly in water or other liquids

Submerging the hose in sea water or other liquids can reduce the service life of the hose assembly due to stressful and corrosive environment. When possible avoid submerging the hose.

#### Avoid repairing or remodelling the hose

A repaired or remodelled hose is not to be considered in compliance with specification stated in the hose specific guidelines; moreover, reparation or remodelling might hide issues which may lead to unexpected danger or damage.

### 2. FLUID COMPATIBILITY

When not otherwise stated in the specific hose guidelines:  
For usage with water based fluid maximum temperature is +70°C (+158°F);  
For usage with any other fluid (biodegradable hydraulic fluids, oil-based hydraulic fluids with special additives and medium different from oil-based fluids) please contact our technical department for compatibility confirmation.

### 3. MAINTENANCE INSPECTION

At inspection, none of the following must be found:

- Hose damage
- Hose swelling
- Exposed reinforcement
- Mechanical alterations (i.e. sharp bending)

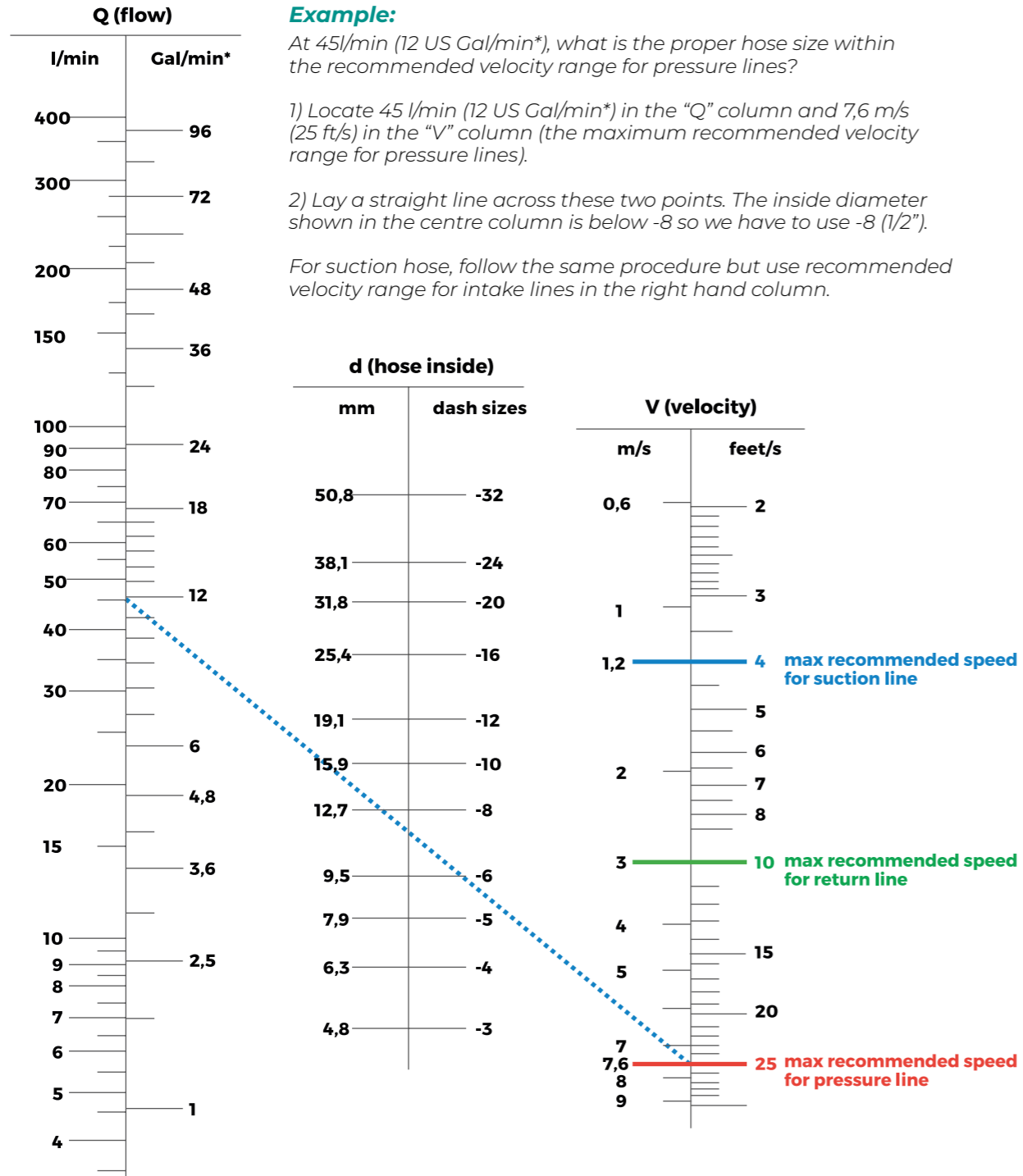
### 4. STORAGE

Store in dry places at a temperature range between -10°C and +40°C. Avoid exposure to direct sunlight, noxious gasses, oils and chemicals.

# SELECTING HOSE SIZE BY FLOW CAPACITY

## FLOW CAPACITY NORMOGRAM

Flow capacities of Intertraco hose at recommended flow velocities. The chart below is provided as an aid in the determination of the correct hose size.



# CORRECT HOSE ASSEMBLY INSTALLATION

| RISKS / CAUTION   | YES - CORRECT USE | NO - WRONG USE |
|---|-------------------|----------------|
| <b>AVOID TWISTING THE ASSEMBLY</b><br><br>where moving parts can cause twisting make sure to avoid this by correct installation   |                   |                |
| <b>USE PROPER FITTINGS TO AVOID TIGHT BEND RADIUS</b><br><br>(do not begin to bend closer than 1,5 time "d" to the ferrule)   |                   |                |
| <b>AVOID CONTACT WITH OBJECTS THAT CAN CAUSE ABRASION OR DAMAGE</b><br><br>On moving applications, pay particular attention when specifying hose length to avoid tensile stress or abrasion |                   |                |



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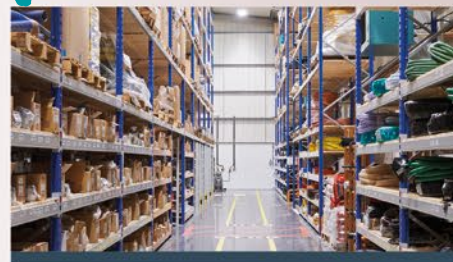
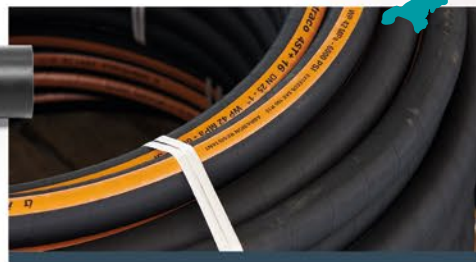
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