

487TC

No-Skive GlobalCore Tough Cover

Sizes -4 to -12 exceed ISO 18752-AC

Sizes -16 to -32 exceed ISO 18752-CC

Primary Applications

General medium pressure hydraulic applications

Applicable Specifications

Exceed ISO 18752-AC and ISO 18752-BC

Construction

Inner tube: Synthetic rubber

Reinforcement: One or two high-tensile steel wire braids for sizes -4 up to -12
(four-spiral wires for sizes -16 up to -24
Six-spiral wires for size -32)

Cover: Highly abrasion resistance
MSHA approved synthetic rubber

Temperature Range -40 °C up to +125 °C

Exception: Air max. +70 °C

Water max. +85 °C



Recommended Fluids

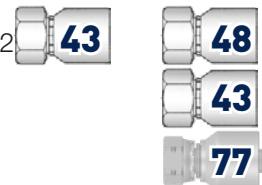
Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series

Series 43/48 for sizes -4 up to -12

Series 43 for size -16

Series 77 for sizes -20 up to -32



| Part Number | Hose I.D. | | | | Hose O.D. mm | Pressure Rating | | | | min. bend radius mm | weight kg |
|-------------|-----------|-------|------|------|-----------------|------------------------------|------|----------------------------|-------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | |
| 487TC-4 | 6 | 1/4 | -4 | 6,4 | 13,1 | 28,0 | 4000 | 112,0 | 16000 | 50 | 0,30 |
| 487TC-6 | 10 | 3/8 | -6 | 9,5 | 17,2 | 28,0 | 4000 | 112,0 | 16000 | 65 | 0,42 |
| 487TC-8 | 12 | 1/2 | -8 | 12,7 | 20,4 | 28,0 | 4000 | 112,0 | 16000 | 90 | 0,52 |
| 487TC-10 | 16 | 5/8 | -10 | 15,9 | 23,9 | 28,0 | 4000 | 112,0 | 16000 | 100 | 0,66 |
| 487TC-12 | 19 | 3/4 | -12 | 19,1 | 27,8 | 28,0 | 4000 | 112,0 | 16000 | 120 | 0,86 |
| 487TC-16 | 25 | 1 | -16 | 25,4 | 37,8 | 28,0 | 4000 | 112,0 | 16000 | 150 | 1,99 |
| 487TC-20 | 31 | 1 1/4 | -20 | 31,8 | 46,3 | 28,0 | 4000 | 112,0 | 16000 | 210 | 2,59 |
| 487TC-24 | 38 | 1 1/2 | -24 | 38,1 | 52,8 | 28,0 | 4000 | 112,0 | 16000 | 250 | 3,08 |
| 487TC-32 | 51 | 2 | -32 | 50,8 | 67,3 | 28,0 | 4000 | 112,0 | 16000 | 320 | 6,47 |

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

