

187TC

No-Skive GlobalCore Tough Cover

Exceeds ISO 18752-AS



- GlobalCore - *No-Skive*
- Synthetic rubber inner tube provides a wider range of fluid compatibility
- 7 MPa constant working pressure
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Hose is suitable for temporary immersion in mineral oil up to 70 °C with frequent inspections

Primary Applications

Designed, build and tested to the ISO 18752 performance specifications. For high pressure return line applications in all markets.

Applicable Specifications

ISO 18752-AS

Construction

- Inner tube: Synthetic rubber
- Reinforcement: Two high-tensile steel wire braids
- Cover: Highly abrasion resistance
MSHA approved synthetic rubber

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

For -40 & -48 sizes -40 °C up to +100 °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 -8 to -32



Series 48 2piece for sizes -40 to -48



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum* kPa	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
187TC-8	12	1/2	-8	12.7	21.0	7.0	1000	28.0	4000	80	65	0.43
187TC-10	16	5/8	-10	15.9	24.0	7.0	1000	28.0	4000	80	75	0.49
187TC-12	19	3/4	-12	19.1	27.0	7.0	1000	28.0	4000	80	90	0.63
187TC-16	25	1	-16	25.4	36.0	7.0	1000	28.0	4000	80	114	0.91
187TC-20	31	1 1/4	-20	31.8	44.0	7.0	1000	28.0	4000	80	140	1.85
187TC-24	38	1 1/2	-24	38.1	52.0	7.0	1000	28.0	4000	80	248	1.96
187TC-32	51	1	-32	50.8	65.0	7.0	1000	28.0	4000	80	318	2.60
187TC-40	63	2 1/2	-40	63.5	75.0	7.0	1000	28.0	4000	80	508	3.04
187TC-48	76	3	-48	76.2	91.0	7.0	1000	28.0	4000	80	508	4.12

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

Hose layline example

