

387 / 387TC / 387ST

No-Skive GlobalCore Tough Cover

Sizes -4 to -16 exceed ISO 18752-AC
Sizes -20 to -32 exceed ISO 18752-CC

Primary Applications

General medium pressure hydraulic applications

Applicable Specifications

Exceed ISO 18752-AC and ISO 18752-CC

Construction

Inner tube: Synthetic rubber
Reinforcement: One or two high-tensile steel wire braids (four-spiral for sizes -20 up to -32)
Cover: Highly abrasion resistance
MSHA approved



- GlobalCore - *No-Skive*
- 1/2 ISO 18752 minimum bend radius
- Low force to flex for ease of installation
- 21 MPa constant working pressure

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.

Please refer to our main catalogues CAT/4400, CAT/4405 and CAT/4460 for more detailed information.

Fitting Series

Series 43/48 for sizes -4 up to -16



Series 43/77 for size -20



Series 77 for sizes -24 up to -32



Medium Pressure

 Standard Cover	 Tough Cover	 Super Tough Cover
Temperature Range -40 °C up to +100 °C <i>Exception:</i> Air → max. +70 °C Water → max. +85 °C	Highly abrasion resistant TOUGH COVER MSHA approved	Extreme abrasion resistant SUPER TOUGH cover MSHA approved
Temperature Range -40 °C up to +125 °C <i>Exception:</i> Air → max. +70 °C Water → max. +85 °C		

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				
387-4	387TC-4	387ST-4	6	1/4	-4	6.4	13.4	21.0	3000	84.0	12000	50	0.24
387-6	387TC-6	387ST-6	10	3/8	-6	9.5	17.4	21.0	3000	84.0	12000	65	0.34
387-8	387TC-8	387ST-8	12	1/2	-8	12.7	20.7	21.0	3000	84.0	12000	90	0.43
387-10	387TC-10	387ST-10	16	5/8	-10	15.9	23.9	21.0	3000	84.0	12000	100	0.49
387-12	387TC-12	387ST-12	19	3/4	-12	19.1	27.8	21.0	3000	84.0	12000	120	0.86
387-16	387TC-16	387ST-16	25	1	-16	25.4	35.4	21.0	3000	84.0	12000	150	1.17
387-20	387TC-20	387ST-20	31	1 1/4	-20	31.8	46.3	21.0	3000	84.0	12000	210	2.59
387-24	387TC-24	387ST-24	38	1 1/2	-24	38.1	52.8	21.0	3000	84.0	12000	250	2.99
387-32	387TC-32	387ST-32	51	2	-32	50.8	66.2	21.0	3000	84.0	12000	320	4.09

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

* [Fitting details in main catalog 4400](#)

Hose layline example

GLOBALCORE 387TC-12 19 mm (3/4") ISO 18752-AC [43] [48] 1/2	21 MPa (3000PSI)	GLOBALCORE 387TC-12 19 mm (3/4") ISO 18752-AC [43] [48] 1/2	21
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