487TC

No-Skive GlobalCore Tough Cover

Sizes -4 to -12 exceed ISO 18752-AC
Sizes -16 and -32 exceed ISO 18752-CC

- GlobalCore - *No-Skive*
- ½ ISO 18752 minimum bend radius
- Low force to flex for ease of installation
- 28 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

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 for sizes -16 up to -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.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
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	64.8	28.0	4000	112.0	16000	320	4.09

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

Hose layline example