

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

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.



- 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

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



Hose layline example

