

# 487 / 487TC / 487ST

## No-Skive GlobalCore

Sizes -4 to -12 exceed ISO 18752-AC  
Sizes -16 to -32 exceed ISO 18752-BC

### 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: Synthetic rubber



- GlobalCore - *No-Skive*
- ½ ISO 18752 minimum bend radius
- Low force to flex for ease of installation
- 28 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 -12



Series 43 for size -16



Series 77 for sizes -20 up to -32



 Standard Cover	 Tough Cover	Highly abrasion resistant <b>TOUGH COVER</b> MSHA approved	 Super Tough Cover	Extreme abrasion resistant <b>SUPER TOUGH</b> cover MSHA approved
<b>Temperature Range</b> -40 °C up to +100 °C <i>Exception:</i> Air → max. +70 °C Water → max. +85 °C		<b>Temperature Range</b> -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.	Pressure Rating				min. bend radius	weight		
	DN	Inch	Size	mm		max. working pressure	min. burst pressure	min. bend radius	weight				
					mm	MPa	psi	MPa	psi	mm	kg		
487-4	487TC-4	487ST-4	6	1/4	-4	6.4	13.1	28.0	4000	112.0	16000	50	0.30
487-6	487TC-6	487ST-6	10	3/8	-6	9.5	17.2	28.0	4000	112.0	16000	65	0.42
487-8	487TC-8	487ST-8	12	1/2	-8	12.7	20.4	28.0	4000	112.0	16000	90	0.52
487-10	487TC-10	487ST-10	16	5/8	-10	15.9	23.9	28.0	4000	112.0	16000	100	0.66
487-12	487TC-12	487ST-12	19	3/4	-12	19.1	27.8	28.0	4000	112.0	16000	120	0.86
487-16	487TC-16	487ST-16	25	1	-16	25.4	37.8	28.0	4000	112.0	16000	150	1.99
487-20	487TC-20	487ST-20	31	1 1/4	-20	31.8	46.3	28.0	4000	112.0	16000	210	2.59
487-24	487TC-24	487ST-24	38	1 1/2	-24	38.1	52.8	28.0	4000	112.0	16000	250	3.08
487-32	487TC-32	487ST-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.

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

### Hose layline example

