



471TC *No-Skive* Tough Cover Compact Hose



- EN 857 2SC / ISO11237 Type 2SC
– *No-Skive* Compact hose construction
- Compatible with 48 series fittings
- Small bend radii
- Highly abrasion resistant
MSHA accepted **TOUGH COVER**

471TC – *No-Skive* TOUGH COVER Hose

EN 857 2SC / ISO11237 Type 2SC

When you need a **TOUGH** and flexible compact hose, whether your business is construction, refuse and recycling, railroad equipment, or the energy industry; Parker 471TC hose with 48 series fittings is the product for you.

Superior flexibility, tight bend radius – designed for plumbing hydraulic lines in tight spaces, Parker 471TC features a one-half SAE 100 R2 minimum bend radius equating to easy installation and reduces the length of the hose required.

Unmatched Parker quality and service – When you order 471TC hoses, you get the finest hose plus the full support of Parker's network of service centers, training programs, prototyping, field representatives, and more. In short, you get the best value.

Features:

- *No-Skive* hose construction – Compact design
- Reduced bend radii
- **TOUGH COVER** offers 80 times more abrasion resistance than standard cover
- MSHA accepted **TOUGH COVER**

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Primary Applications/Restrictions

Small bending radii/ demanding medium pressure hydraulic applications

Applicable Specifications

EN 857 2SC / ISO11237 Type 2SC

Hose Construction

- Tube:** Synthetic rubber
Reinforcement: Two high tensile steel wire braids
Cover: Synthetic rubber

Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1,7 MPa, the hose cover must be pin-pricked. Consult the chemical compatibility section in catalogue C4400 on page Ab-16 for more detailed information.

Temperature Range

-40 °C up to +100 °C
 Exception: Air max. +70 °C
 Water max. +85 °C

Fittings Series

48

Part Number XXXX-XX-XX	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
471TC-4	6	1/4	-4	6,3	13	40,0	5800	160,0	23200	50	0,30
471TC-5	8	5/16	-5	7,9	15	36,0	5250	144,0	21000	55	0,35
471TC-6	10	3/8	-6	9,5	17	35,0	5000	140,0	20000	65	0,42
471TC-8	12	1/2	-8	12,7	20	29,7	4250	119,0	17000	90	0,52
471TC-10	16	5/8	-10	15,9	24	25,0	3625	100,0	14500	100	0,66
471TC-12	20	3/4	-12	19,1	28	21,5	3125	86,0	12500	120	0,86
471TC-16	25	1	-16	25,4	35	17,5	2500	70,0	10000	150	1,17

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

Parkrimp series fittings and crimpers

Parker's 471TC hose is compatible with 48 series fittings and the Parkrimp family of crimpers. From the assembly speed of the PHastkrimp to the KarryKrimpers, there is a Parkrimp machine that meets your needs.

A broad range of fittings, with over 60 end configurations, combined with Parker hose and crimpers allows simple and safe assembly – whenever and wherever needed.



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