731TC

No-Skive Multispiral

ISO 3862 Type 4SH – EN 856 Type 4SH



- *No-Skive* hose construction
- Reinforcement of four high tensile steel wires
- 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 high pressure hydraulic applications

Type Approvals

Details please find on pages ***Ab-16*** to ***Ab-19***

Applicable Specifications

ISO 3862 Type 4SH – EN 856 Type 4SH

Construction

Inner Tube:	Synthetic rubber
Reinforcement:	Four spirals high-tensile steel wire
Cover:	Highly abrasion resistance MSHA approved synthetic rubber

Temperature Range ..... -40 °C up to +100 °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

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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
731TC-12	19	3/4	-12	19.1	32.0	42.0	6000	168.0	24000	280	1.72
731TC-16	25	1	-16	25.4	39.0	38.0	5500	152.0	22000	340	2.14
731TC-20	31	1 1/4	-20	31.8	45.0	32.0	4700	130.0	18800	460	2.96
731TC-24	38	1 1/2	-24	38.1	53.0	29.0	4200	116.0	16800	560	3.20
731TC-32	51	2	-32	50.8	68.0	25.0	3600	100.0	14400	700	5.30

Replace the hose when any deformation or damage on the hose cover are visible.
The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

Parker TOUGH COVER 731TC-12 WP 42.0 MPa (6000 PSI) MSHA IC 40/26 | • • 19 mm (3/4) X 4S EN856-4SH

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