611HT

No-Skive

High-temperature textile hose



- For high demand applications, such as diesel fuel lines, water cooling or high-temp lines up to +150 °C
- MSHA approved
- According to EN 854-R6
- *No-Skive* hose construction for 2-piece fittings

Primary Applications

General Market: Low pressure hydraulic applications/ high temperature applications

Engine Applications:
Diesel fuel lines, engine cooling circuits

Type Approvals

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

Applicable Specifications

EN 854-R6

Construction

Tube: Synthetic PKR rubber
Reinforcement: One fibre braid
Cover: MSHA accepted synthetic rubber

Temperature Range ..... -40 °C up to +150 °C

Exception: Air ..... max. +100 °C
Water ..... max. +85 °C

Recommended Fluids

Petroleum-based hydraulic fluids and lubrication oils, diesel fuels and antifreeze solutions; water-glycol and water-oil emulsion, air and water.
Consult the chemical compatibility section on pages ***Ab-26*** to ***Ab-34*** for more detailed information.

Fitting Series

- Compatible with 2-piece fittings for use with adjustable crimpers only (47 series nipple and 10064 series shell)

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
611HT-4	6	1/4	-4	6.4	12.8	2.8	400	11.2	1600	65	0.13
611HT-5	8	5/16	-5	7.9	14.6	2.8	400	11.2	1600	70	0.15
611HT-6	10	3/8	-6	9.5	16.0	2.8	400	11.2	1600	75	0.16
611HT-8	12	1/2	-8	12.7	20.0	2.8	400	11.2	1600	100	0.27
611HT-10	16	5/8	-10	15.9	23.2	2.4	350	9.6	1400	125	0.28
611HT-12	19	3/4	-12	19.1	26.2	2.1	300	8.4	1200	150	0.36
611HT-16	25	1	-16	25.4	33.1	2.0	290	8.0	1160	200	0.46

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

Hose layline example

PARKER 611HT-4 HI-TEMP WP 2,8 MPa (400 PSI) MSHA IC-40/10 I • • SAE 100R6-4 6,3 mm (1/4) X 1F EN854/R6/

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