

## 681RH

### No-Skive 2TE

EN 854-2TE

(with approvals for rail transportation)

#### Primary Applications

General Market: Low pressure hydraulic application

Rail Transportation Market:

 Hydraulic applications around  
 train vehicles

#### Type Approvals

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

#### Applicable Specifications

EN 854-2TE

EN 45545

ISO 15540

#### Construction

Inner tube: Synthetic rubber

Reinforcement: One fibre braid

Cover: Flame retardant synthetic rubber

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

Exception: Air ..... max. +70 °C

Water ..... max. +85 °C



- One layer of fabric braid
- *No-Skive* hose construction
- Small bend radii
- Flame retardant rubber cover
- Railway approved:
  - European Standard EN 45545 HL2 for R22 (internal) and HL3 for R23 (external)
  - ISO 15540 (FS-F-Fire Sleeve needed)

#### Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

 Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

#### Fitting Series



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		
681RH-4	6	1/4	-4	6.4	13.6	7.5	1090	30.0	4360	40	0.15
681RH-5	8	5/16	-5	7.9	14.8	6.8	980	27.0	3920	50	0.16
681RH-6	10	3/8	-6	9.5	16.6	6.3	910	25.0	3640	60	0.19
681RH-8	12	1/2	-8	12.7	19.6	5.8	840	23.0	3360	70	0.24
681RH-10	16	5/8	-10	15.9	23.9	5.0	725	20.0	2900	90	0.35
681RH-12	19	3/4	-12	19.1	27.0	4.5	650	18.0	2600	110	0.39
681RH-16	25	1	-16	25.4	34.4	4.0	580	16.0	2320	150	0.59

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

#### Hose layline example

PARKER 681RH-6 WP 6,3 MPa (910 PSI) 1" - EN 45545 - 10 mm (3/8) - EN854/2TE/10/DIN MADE IN ITALY

