

## H29ST

### ParLock Multispiral

Exceeds ISO 3862 Type 4SH –  
EN 856 Type 4SH

#### Primary Applications

General high pressure hydraulic applications

#### Type Approvals

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

#### Applicable Specifications

Exceed ISO 3862 Type 4SH – EN 856 Type 4SH

#### Construction

Inner tube: Synthetic rubber  
Reinforcement: Four high-tensile steel wire braids  
Cover: Synthetic rubber  
with a special polyethylene coating

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

Exception: Air ..... max. +70 °C

Water ..... max. +85 °C



- Interlock technology
- Extreme abrasion resistant  
**SUPER TOUGH** cover
- Reinforcement of four high tensile steel wires

#### 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

Internal and external skiving



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		
H29ST-12	19	3/4	-12	19.1	32.2	43.0	6250	172.0	25000	280	1.7
H29ST-16	25	1	-16	25.4	38.7	40.0	5800	160.0	23200	340	2.2
H29ST-20	31	1 1/4	-20	31.8	45.5	35.0	5000	140.0	20000	460	2.6
H29ST-24	38	1 1/2	-24	38.1	53.5	31.0	4500	124.0	18000	560	3.4
H29ST-32	51	2	-32	50.8	68.1	28.0	4050	112.0	16200	700	4.8

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 SUPER TOUGH H29ST-12 WP 43.0 MPa (6250 PSI) | • EXCEED ISO3862 - EN856 4SH**