

SX35

No-Skive Multispiral

ISO 3862 Type R13 – Parker Specifications

Primary Applications

General high pressure hydraulic applications

Applicable Specifications

ISO 3862 Type R13 – Parker Specification

Construction

Inner tube: Synthetic rubber
Reinforcement: Four spiral high-tensile steel wire
Cover: Synthetic rubber

Temperature Range -40 °C up to +125 °C

Exception: Air max. +70 °C
Water max. +85 °C



- No-Skive hose construction
- High performance
- Reinforcement of four spiral high-tensile steel wire
- Constant working pressure of 35.0 MPa
- Temperature range up to +125 °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



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		
SX35-12	20	3/4	-12	19.1	32.4	35.0	5000	140.0	20000	240	1.72
SX35-16	25	1	-16	25.4	38.2	35.0	5000	140.0	20000	300	2.14
SX35-20	32	1 1/4	-20	31.5	46.3	35.0	5000	140.0	20000	420	2.96

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

Hose layline example

Parker NO-SKIVE - SX35-12 WP 35,0 MPa (5000 PSI) 1° ISO 3862 4SP / R13 - 19 mm (3/4") MADE IN ITALY