

SR Range

No-Skive Multispiral

Primary Applications

General high pressure hydraulic applications

Applicable Specifications

ISO 18752 Type CC (BC for only size 6)
ISO 3862 / EN 856 4SP (size 6, 10, 12, 16)
ISO 3862 / EN 856 4SH (size 20, 24, 32)

Construction

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

Temperature Range -40 °C up to +120 °C
(+100 °C only for Size 6)

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



- *No-Skive* hose construction
- High performance
- Reinforcement of four spiral high-tensile steel wire
- Temperature range up to +120 °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

Series 70 for size - 6
Series 77 for sizes -8 up to -20
Series 73 for sizes -24 up to -32



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		
SR45-6	10	3/8	-6	9,5	17,1	45,0	6500	180,0	26000	180	0,46
SR35-8	12	1/2	-8	12,7	21,1	35,0	5000	140,0	20000	180	0,67
SR35-10	16	5/8	-10	15,9	23,8	35,0	5000	140,0	20000	210	0,80
SR35-12	19	3/4	-12	19,1	28,1	35,0	5000	140,0	20000	240	1,16
SR35-16	25	1	-16	25,4	35,7	35,0	5000	140,0	20000	280	1,74
SR35-20	31	1 1/4	-20	31,8	43,8	35,0	5000	140,0	20000	380	2,41
SR29-24	38	1 1/2	-24	38,1	53,1	29,0	4200	116,0	16800	500	3,20
SR25-32	51	2	-32	50,8	66,5	25,0	3625	100,0	14500	630	4,60

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

Hose layline example

