

Medium Pressure

0311 / 421SN

EN 853 1SN - ISO 1436 Type 1

Primary Applications

General medium pressure hydraulic applications



- No-Skive thin cover hose construction
- Nitrile (NBR) inner tube extended fluid compatibility

Applicable Specifications

EN 853 1SN - ISO 1436 Type 1 - SAE 100R1AT

Construction

Inner tube: Nitrile (NBR)
Reinforcement: One high-tensile steel wire braid
Cover: Synthetic rubber

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.

Temperature Range

Exception:

-40 °C up to +100 °C
Air max. +70 °C
Water max. +85 °C



10 series



13001-..MM



48 series

Order Code	Hose I.D.				Hose O.D. mm	Pressure Rating		min. bend radius	Weight kg
	DN	Inch	Size	mm		max. working pressure MPa	min. burst pressure MPa		
0311-04	6	1/4	-4	6.4	13.4	22.5	90.0	100	0.24
0311-05	8	5/16	-5	7.9	15.0	21.5	86.0	115	0.27
0311-06	10	3/8	-6	9.5	17.4	18.0	72.0	130	0.34
0311-08	12	1/2	-8	12.7	20.7	16.0	64.0	180	0.43
0311-10	16	5/8	-10	15.9	23.9	13.0	52.0	200	0.49
0311-12	19	3/4	-12	19.1	27.8	10.5	42.0	240	0.63
0311-16	25	1	-16	25.4	35.8	8.8	35.0	300	0.94
0311-20	31	1 1/4	-20	31.8	44.8	6.3	25.2	420	1.19
0311-24	38	1 1/2	-24	38.1	51.1	5.0	20.0	500	1.49
0311-32	51	2	-32	50.8	64.7	4.0	16.0	630	2.23