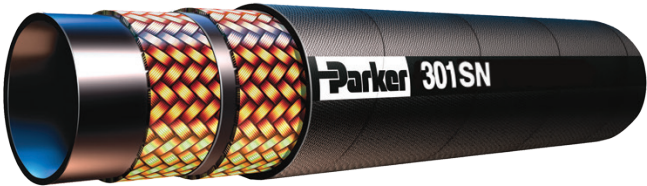


0421 / 301SN

EN 853 2SN - ISO 1436 Type 2

Primary Applications

General medium pressure hydraulic applications



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

Applicable Specifications

EN 853 2SN - ISO 1436 Type 2 - SAE 100R2AT

Construction

Inner tube: Nitrile (NBR)
Reinforcement: Two high-tensile steel wire braids
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		
0421-04	6	1/4	-4	6.4	15.0	40.0	160.0	100	0.39
0421-05	8	5/16	-5	7.9	16.6	35.0	140.0	115	0.42
0421-06	10	3/8	-6	9.5	19.0	33.0	132.0	130	0.55
0421-08	12	1/2	-8	12.7	22.2	27.5	110.0	180	0.67
0421-10	16	5/8	-10	15.9	25.4	25.0	100.0	200	0.77
0421-12	19	3/4	-12	19.1	29.3	21.5	86.0	240	1.00
0421-16	25	1	-16	25.4	38.1	16.5	66.0	300	1.49
0421-20	31	1 1/4	-20	31.8	47.5	12.5	50.0	420	1.73
0421-24	38	1 1/2	-24	38.1	55.0	9.0	36.0	500	2.14
0421-32	51	2	-32	50.8	67.0	8.0	32.0	630	2.96

Low Pressure

Medium Pressure

High Pressure

Hose Protection

Machines