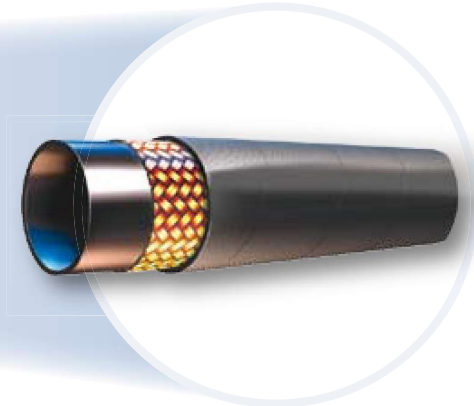


421SN – *No-Skive* Hose

EN 853 1SN – ISO 1436 Type 1

Main Features

- *No-Skive* thin cover hose construction
- Nitrile (NBR) inner tube
 - extended fluid compatibility
- Type approved with DNV, GL, LR, RINA



Primary Applications/Restrictions

General medium pressure hydraulic applications

Applicable Specifications

EN 853 1SN – ISO 1436 Type 1 – SAE100R1AT

Hose Construction

Tube: Nitrile (NBR)
Reinforcement: One high tensile steel wire braid
Cover: Synthetic rubber

Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1,7 MPa, the hose cover must be pin-pricked.

Consult the chemical compatibility section on page Ab-16 for more detailed information.

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

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

Fittings Series



XXXX-XX-XX Part Number	Hose I.D.				Hose O.D.	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm	mm	max. dynamic working pressure		min. burst pressure			
						MPa	psi	MPa	psi		
421SN-4	6	1/4	-4	6,3	13,4	22,5	3250	90,0	13000	100	0,24
421SN-5	8	5/16	-5	7,9	15,0	21,5	3125	86,0	12500	115	0,27
421SN-6	10	3/8	-6	9,5	17,4	18,0	2600	72,0	10400	130	0,34
421SN-8	12	1/2	-8	12,7	20,7	16,0	2325	64,0	9300	180	0,43
421SN-10	16	5/8	-10	15,9	23,9	13,0	1875	52,0	7500	200	0,49
421SN-12	20	3/4	-12	19,1	27,8	10,5	1525	42,0	6100	240	0,63
421SN-16	25	1	-16	25,4	35,8	8,8	1275	35,0	5100	300	0,94
421SN-20	32	1.1/4	-20	31,8	44,8	6,3	900	25,0	3600	420	1,19
421SN-24	40	1.1/2	-24	38,1	51,1	5,0	725	20,0	2900	500	1,49
421SN-32	50	2	-32	50,8	64,7	4,0	575	16,0	2300	630	2,23

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

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.