

HYDRAULIC HOSE 301SN

Markets



No-Skive

DIN EN 853 2SN – ISO 1436 Type 2

Primary Applications

General medium pressure hydraulic applications

Applicable Specifications

DIN EN 853 2SN – ISO 1436 Type 2 – SAE 100R2AT

Type approval DNV

Construction

Tube: Nitrile (NBR)

Reinforcement: Two high tensile steel wire braids

Cover: Synthetic rubber

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

Exception: Air max. +70 °C

Water max. +85 °C

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.

301SN

Hydraulic

ISO 1436-1 TYPE 2SN / SAE 100R2 TYPE AT, J1942 /

EN 853 TYPE 2SN / DNV



# Part Number											
	Hose ID inch	Hose ID mm	Hose O.D. inch	Hose O.D. mm	Working Pressure psi	Working Pressure Mpa	Minimum Bend Radius inch	Minimum Bend Radius mm	Weight lbs/ft	Weight kg/m	
301SN-4	1/4	6.3	0.59	15.0	5800	40.0	3.94	100	0.39		●
301SN-5	5/16	7.9	0.65	16.6	5075	35.0	4.53	115	0.42		●
301SN-6	3/8	9.5	0.75	19.0	4775	33.0	5.12	130	0.55		●
301SN-8	1/2	12.7	0.87	22.2	4000	27.5	7.10	180	0.67		●
301SN-10	5/8	15.9	1.00	25.4	3600	25.0	7.87	200	0.77		●
301SN-12	3/4	19.1	1.15	29.3	3100	21.5	9.45	240	1.00		●
301SN-16	1	25.4	1.50	38.1	2400	16.5	11.81	300	1.49		●
301SN-20	1-1/4	31.8	1.87	47.5	1800	12.5	16.54	420	1.73		●
301SN-24	1-1/2	38.1	2.17	55.0	1300	9.0	19.69	500	2.14		●
301SN-32	2	50.8	2.64	67.0	1150	8.0	24.80	630	2.96		●

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber.

Temperature Range: -40°F to +212°F (-40°C to +100°C).