

FORZA UNO



DIN EN 853 1SN / SAE 100R1AT / ISO 1436 – 10.1002.

High pressure, single steel braid reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID		OD		MPa		MIN BEND RAD		kg/m
					mm	mm	MPa	PSI	mm	mm			
1SN-03	10.1002.03	DN5	3/16"	-3	4,8	11,4	25.0	3700	100.0	14800	89	0,23	
1SN-04	10.1002.04	DN6	1/4"	-4	6,3	13,0	22.5	3300	90.0	13200	100	0,23	
1SN-05	10.1002.05	DN8	5/16"	-5	8,0	14,7	21.5	3200	85.0	12800	114	0,23	
1SN-06	10.1002.06	DN10	3/8"	-6	9,5	17,2	18.0	2700	72.0	10800	127	0,33	
1SN-08	10.1002.08	DN12	1/2"	-8	12,7	20,5	16.0	2400	64.0	9600	178	0,42	
1SN-10	10.1002.10	DN16	5/8"	-10	16,0	23,8	13.0	1900	52.0	7600	200	0,52	
1SN-12	10.1002.12	DN19	3/4"	-12	19,0	27,8	10.5	1600	42.0	6400	240	0,65	
1SN-16	10.1002.16	DN25	1"	-16	25,4	35,9	8.8	1300	35.0	5200	300	1,00	
1SN-20	10.1002.20	DN31	1.1/4"	-20	32,0	44,0	6.3	920	25.0	3680	419	1,30	
1SN-24	10.1002.24	DN38	1.1/2"	-24	38,0	50,8	5.0	730	20.0	2920	500	1,63	
1SN-32	10.1002.32	DN51	2"	-32	50,8	64,3	4.0	580	16.0	2320	630	2,00	
1SN-40	10.1002.40	DN63	2.1/2"	-40	63,5	75,0	4.5	650	18.0	2610	760	2,35	
1SN-48	10.1002.48	DN76	3"	-48	76,2	88,0	3.5	510	14.0	2030	900	2,55	

INNER TUBE: seamless oil resistant synthetic rubber
REINFORCEMENT: 1 high tensile steel wire braid
OUTER TUBE: black wrapped, oil, weather and abrasion resistant synthetic rubber
SAFETY FACTOR: 4:1

APPLICATION: petroleum base hydraulic fluids
TEMPERATURE RANGE: -40°C (-40°F) +100°C (+212°F); Intermittent service: +120°C (+248°F) Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F) Max. temperature recommended for air: +60°C (+140°F)

COUPLINGS: Balflex® 2-piece fittings serie 23 with 20 serie ferrules
 Balflex® Multicrimp fittings serie BW23/ BF21/P23
AVAILABLE VERSIONS: Smooth cover (Shark Skin) / High Temperature (Tropic) / Low Temperature (Arctic) / Tough Cover (Armourguard)

COVER: U.S. MSHA APPROVED
NOTES: Sizes -40 (2.1/2") and -48 (3") not included in the standards.
 Balflex® hydraulic hose DIN EN 853 1SN / SAE 100R1AT has a very superior working and burst pressure compared with only SAE 100R1AT

BALFLEX / FORZA UNO 1SN - DN5 - DIN EN 853 / SAE 100R1AT / ISO 1436 - 3/16" - WP 25MPa 3700PSI - Flame Resistant - MSHA IC-252/00