

FORZA UNO TROPIC



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

High pressure, high temperature, single steel braid reinforced hydraulic hose

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

INNER TUBE: seamless oil resistant synthetic rubber resistant to high temperature
REINFORCEMENT: 2 high tensile steel wire braid
OUTER TUBE: blue wrapped, oil, weather and abrasion resistant synthetic rubber
SAFETY FACTOR: 4:1

TEMPERATURE RANGE: intermittent: -40°C (-40°F) +150°C (+302°F); continuous service: +125°C (+257°F) Max. temperature recommended for water base hydraulic fluids: +120°C (+248°F) Max. temperature recommended for air: +60°C (+140°F)

APPLICATION: petroleum base hydraulic fluids
COUPLINGS: Balflex® 2-piece fittings serie 23 with 20 serie ferrules. Balflex® Multicrimp fittings serie BW23/BF21/P23
COVER: U.S. MSHA APPROVED

NOTES: this hose is a high temperature hydraulic hose but cannot be used with phosphate-ester based oils, and cannot be used in aircrafts and compressors working with air at +60°C

BALFLEX® FORZA UNO - TROPIC +135°C / 275°F - 1SN - DN6 - DIN EN 853 / SAE 100R1AT / R17 / ISO 1436 - 1/4" - WP 100.0 MPa 14800 PSI - Flame Resistant - MSHA IC-25209