



# FORZA DUE



DIN EN 853 2SN / SAE 100R2AT / ISO 1436 – 10.1004.

High pressure, double steel braid reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID	OD	MPa		MIN BEND RAD		KG	
					mm	mm	MPa	PSI	MPa	PSI		mm
2SN-03	10.1004.03	DN5	3/16"	-3	4,8	13,4	41.5	6100	165.0	24400	89	0,32
2SN-04	10.1004.04	DN6	1/4"	-4	6,3	14,7	40.0	5800	160.0	23200	100	0,38
2SN-05	10.1004.05	DN8	5/16"	-5	8,0	16,5	35.0	5100	140.0	20400	114	0,45
2SN-06	10.1004.06	DN10	3/8"	-6	9,5	18,7	33.0	4800	132.0	19200	127	0,53
2SN-08	10.1004.08	DN12	1/2"	-8	12,7	21,9	27.5	4000	110.0	16000	178	0,65
2SN-10	10.1004.10	DN16	5/8"	-10	16,0	25,3	25.0	3700	100.0	14800	200	0,76
2SN-12	10.1004.12	DN19	3/4"	-12	19,0	29,3	21.5	3200	86.0	12800	240	1,00
2SN-16	10.1004.16	DN25	1"	-16	25,4	37,9	16.5	2400	65.0	9600	300	1,48
2SN-20	10.1004.20	DN31	1.1/4"	-20	32,0	47,5	12.5	1900	50.0	7600	419	2,14
2SN-24	10.1004.24	DN38	1.1/2"	-24	38,0	54,6	9.0	1400	36.0	5600	500	2,55
2SN-32	10.1004.32	DN51	2"	-32	50,8	67,4	8.0	1200	32.0	4800	630	3,30
2SN-40	10.1004.40	DN63	2.1/2"	-40	63,5	78,0	7.0	1100	28.0	4400	760	3,96
2SN-48	10.1004.48	DN76	3"	-48	76,2	90,0	5.5	800	22.0	3200	900	4,96

**INNER TUBE:** seamless oil resistant synthetic rubber

**REINFORCEMENT:** 2 high tensile steel wire braids

**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

**COVER:** U.S. MSHA APPROVED

**AVAILABLE VERSIONS:** Smooth cover (Shark Skin) / High Temperature (Tropic) / Low Temperature (Arctic) / Tough Cover (Armourguard)

**NOTES:** - Size -48 (3") not included in the standards. Balflex® hydraulic hose DIN EN 853 2SN / SAE 100R2AT has a very superior working and burst pressure compared with only SAE 100R2AT

BALFLEX // **FORZA DUE** 2SN - DN5 - DIN EN 853 / SAE 100R2AT / ISO 1436 - 3/16" - WP <sup>41.5MPa</sup> <sub>6100PSI</sub> - Flame Resistant - MSHA IC-252/00