



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 mm	OD mm	MPa PSI	MPa PSI	MIN BEND RAD mm	KG kg/m
R2AT-03	10.1004.03	DN5	3/16"	-3	4,8	13,4	41.5 6100	165.0 24400	89	0,32
R2AT-04	10.1004.04	DN6	1/4"	-4	6,3	14,7	40.0 5800	160.0 23200	100	0,38
R2AT-05	10.1004.05	DN8	5/16"	-5	8,0	16,5	35.0 5100	140.0 20400	114	0,45
R2AT-06	10.1004.06	DN10	3/8"	-6	9,5	18,7	33.0 4800	132.0 19200	127	0,53
R2AT-08	10.1004.08	DN12	1/2"	-8	12,7	21,9	27.5 4000	110.0 16000	178	0,65
R2AT-10	10.1004.10	DN16	5/8"	-10	16,0	25,3	25.0 3700	100.0 14800	200	0,76
R2AT-12	10.1004.12	DN19	3/4"	-12	19,0	29,3	21.5 3200	86.0 12800	240	1,00
R2AT-16	10.1004.16	DN25	1"	-16	25,4	37,9	16.5 2400	65.0 9600	300	1,48
R2AT-20	10.1004.20	DN31	1.1/4"	-20	32,0	47,5	12.5 1900	50.0 7600	419	2,14
R2AT-24	10.1004.24	DN38	1.1/2"	-24	38,0	54,6	9.0 1400	36.0 5600	500	2,55
R2AT-32	10.1004.32	DN51	2"	-32	50,8	67,4	8.0 1200	32.0 4800	630	3,30
R2AT-40	10.1004.40	DN63	2.1/2"	-40	63,5	78,0	7.0 1100	28.0 4400	760	3,96
R2AT-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 41.5MPa 6100PSI - Flame Resistant - MSHA IC-252/00