



# FORZA DUE TROPIC



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

High pressure, high temperature, 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-HT	10.1004.03HT	DN5	3/16"	-3	4,8	13,4	<b>41.5</b> 6100	<b>165.0</b> 24400	89	0,32
R2AT-04-HT	10.1004.04HT	DN6	1/4"	-4	6,3	14,7	<b>40.0</b> 5800	<b>160.0</b> 23200	100	0,38
R2AT-05-HT	10.1004.05HT	DN8	5/16"	-5	8,0	16,5	<b>35.0</b> 5100	<b>140.0</b> 20400	114	0,45
R2AT-06-HT	10.1004.06HT	DN10	3/8"	-6	9,5	18,7	<b>33.0</b> 4800	<b>132.0</b> 19200	127	0,53
R2AT-08-HT	10.1004.08HT	DN12	1/2"	-8	12,7	21,9	<b>27.5</b> 4000	<b>110.0</b> 16000	178	0,65
R2AT-10-HT	10.1004.10HT	DN16	5/8"	-10	16,0	25,3	<b>25.0</b> 3700	<b>100.0</b> 14800	200	0,76
R2AT-12-HT	10.1004.12HT	DN19	3/4"	-12	19,0	29,3	<b>21.5</b> 3200	<b>86.0</b> 12800	240	1,00
R2AT-16-HT	10.1004.16HT	DN25	1"	-16	25,4	37,9	<b>16.5</b> 2400	<b>65.0</b> 9600	300	1,48
R2AT-20-HT	10.1004.20HT	DN31	1 1/4"	-20	32,0	47,5	<b>12.5</b> 1900	<b>50.0</b> 7600	419	2,14
R2AT-24-HT	10.1004.24HT	DN38	1 1/2"	-24	38,0	54,6	<b>9.0</b> 1400	<b>36.0</b> 5600	500	2,55
R2AT-32-HT	10.1004.32HT	DN51	2"	-32	50,8	67,4	<b>8.0</b> 1200	<b>32.0</b> 4800	630	3,30

**INNER TUBE:** seamless oil resistant synthetic rubber resistant to high temperature

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

**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 DUE - TROPIC -133°C / 270°F - 2SN - DN5 - DIN EN 853 / SAE 100R2AT / ISO 1436 - 3/16" - WP 41.5 MPa / 6100 PSI - MSHA IC-252/00