



# TEXMASTER 3



## DIN EN 854 3TE / SAE 100R3 – 10.1220

Medium pressure, double textile braid reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID mm	OD mm	MPa PSI	MPa PSI	MIN BEND RAD mm	KG kg/m
R3-3TE-03	10.1220.03	DN5	3/16"	-3	4,8	12,8	<b>16.0</b> 2400	<b>64.0</b> 9600	40	0,13
R3-3TE-04	10.1220.04	DN6	1/4"	-4	6,3	14,4	<b>14.5</b> 2200	<b>58.0</b> 8800	45	0,18
R3-3TE-05	10.1220.05	DN8	5/16"	-5	8,0	16,9	<b>13.0</b> 1900	<b>52.0</b> 7600	55	0,25
R3-3TE-06	10.1220.06	DN10	3/8"	-6	9,5	18,5	<b>11.0</b> 1600	<b>44.0</b> 6400	70	0,28
R3-08	10.1220.08	DN12	1/2"	-8	12,7	23,8	<b>7.0</b> 1100	<b>28.0</b> 4400	125	0,44
R3-10	10.1220.10	DN16	5/8"	-10	16,0	27,0	<b>6.1</b> 950	<b>24.4</b> 3800	140	0,49
R3-12	10.1220.12	DN19	3/4"	-12	19,0	31,8	<b>5.2</b> 800	<b>20.8</b> 3200	150	0,70
R3-16	10.1220.16	DN25	1"	-16	25,4	38,1	<b>3.9</b> 600	<b>15.6</b> 2400	205	0,79
R3-20	10.1220.20	DN31	1.1/4"	-20	32,0	44,5	<b>2.6</b> 400	<b>10.4</b> 1600	250	0,88

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

**REINFORCEMENT:** 2 high resistance synthetic fiber 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); Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F); Max. temperature recommended for air: +50°C (+122°F)

**COUPLINGS:** Balflex® 2-piece fittings serie 23 with 20 serie ferrules

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

**BALFLEX** /// **TEXMASTER 3** SAE 100R3 - DN12 - 1/2" - ISO 4079 - WP <sup>7 MPa</sup> 1100 PSI - Flame Resistant - MSHA IC-252/00