

# TEXMASTER 1



DIN EN 854 1TE / SAE 100R6 – 10.1216.

Medium pressure, single 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
1TE-R6-03	10.1216.03	DN5	3/16"	-3	4,8	10,8	<b>3.4</b> 500	<b>13.8</b> 2000	51	0,13
1TE-R6-04	10.1216.04	DN6	1/4"	-4	6,3	12,4	<b>2.8</b> 410	<b>11.0</b> 1640	64	0,14
1TE-R6-05	10.1216.05	DN8	5/16"	-5	8,0	13,9	<b>2.8</b> 410	<b>11.0</b> 1640	76	0,18
1TE-R6-06	10.1216.06	DN10	3/8"	-6	9,5	15,4	<b>2.8</b> 410	<b>11.0</b> 1640	76	0,19
1TE-R6-08	10.1216.08	DN12	1/2"	-8	12,7	18,6	<b>2.8</b> 410	<b>11.0</b> 1640	102	0,27
1TE-R6-10	10.1216.10	DN16	5/8"	-10	16,0	22,9	<b>2.4</b> 350	<b>9.7</b> 1400	127	0,31
1TE-R6-12	10.1216.12	DN19	3/4"	-12	19,0	26,6	<b>2.1</b> 310	<b>8.3</b> 1240	152	0,43
1TE-R6-14	10.1216.14	DN22	7/8"	-14	22,0	31,3	<b>2.2</b> 320	<b>8.8</b> 1280	200	0,59
1TE-R6-16	10.1216.16	DN25	1"	-16	25,4	33,0	<b>1.7</b> 250	<b>6.8</b> 1000	203	0,59

**INNER TUBE:** seamless oil resistant synthetic rubber  
**REINFORCEMENT:** 1 high resistance synthetic fiber braid  
**OUTER TUBE:** black wrapped, oil, weather and abrasion resistant synthetic rubber

**SAFETY FACTOR:** 4:1  
**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  
**APPLICATION:** petroleum base hydraulic fluids

**COVER:** U.S. MSHA APPROVED  
**NOTES:** Sizes -14 (DN 22) 7/8" and -16 (DN 25) 1" not included in the standards

**BALFLEX // TEXMASTER 1 SAE 100R6 / EXCEEDS DIN EN 854 - 1TE - DN5 - 3/16" - ISO 4079 - WP 3.4 MPa 500 PSI - Flame Resistant - MSHA IC-252/00**

# TEXMASTER 2



DIN EN 854 2TE – 10.1217.

Medium pressure, single textile braid reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID mm	OD mm	MPa MPa	MPa MPa	MIN BEND RAD mm	KG kg/m
2TE-03	10.1217.03	DN5	3/16"	-3	4,8	11,8	<b>8.0</b> 1200	<b>32.0</b> 4800	25	0,12
2TE-04	10.1217.04	DN6	1/4"	-4	6,3	13,4	<b>7.5</b> 1100	<b>30.0</b> 4400	40	0,14
2TE-05	10.1217.05	DN8	5/16"	-5	8,0	14,9	<b>6.8</b> 990	<b>27.2</b> 3960	50	0,18
2TE-06	10.1217.06	DN10	3/8"	-6	9,5	16,5	<b>6.3</b> 920	<b>25.2</b> 3680	60	0,19
2TE-08	10.1217.08	DN12	1/2"	-8	12,7	19,7	<b>5.8</b> 850	<b>23.2</b> 3400	70	0,27
2TE-10	10.1217.10	DN16	5/8"	-10	16,0	23,9	<b>5.0</b> 730	<b>20.0</b> 2920	90	0,31
2TE-12	10.1217.12	DN19	3/4"	-12	19,0	27,0	<b>4.5</b> 660	<b>18.0</b> 2640	110	0,43
2TE-16	10.1217.16	DN25	1"	-16	25,4	34,4	<b>4.0</b> 580	<b>16.0</b> 2320	150	0,59

**INNER TUBE:** seamless oil resistant synthetic rubber  
**REINFORCEMENT:** 1 high resistance synthetic fiber braid

**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 2 DIN EN 854 - 2TE - DN5 - 3/16" - ISO 4079 - WP 8 MPa 1200 PSI - Flame Resistant - MSHA IC-252/00**