



Balflex® DIN 1TE / SAE 100R6 – DIN 2TE

Balflex® DIN EN 854 1TE / SAE 100R6 – 10.1216.

According to ISO 4079 type 1 / DIN EN 854 type 1TE / SAE J517 type SAE 100R6

Medium pressure, single textile braid reinforced hydraulic hose



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 1 high resistance synthetic fiber braid
- Outer tube:** black, 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® crimped fittings 23 serie with ferrules 20.107. serie

part number	Ø nom.	dash size	Ø internal		Ø external		working pressure		min. burst pressure		min. bend radius		weight
			mm	inch	mm	inch	MPa	PSI	MPa	PSI	mm	inch	
10.1216.03	3/16"	- 3	4,8	0.19	11,1	0.44	3.4	500	13.8	2000	51	2.0	0,10
10.1216.04	1/4"	- 4	6,3	0.25	12,5	0.49	2.8	400	11.0	1600	64	2.5	0,12
10.1216.05	5/16"	- 5	8,0	0.31	14,0	0.55	2.8	400	11.0	1600	76	3.0	0,15
10.1216.06	3/8"	- 6	9,5	0.38	16,0	0.63	2.8	400	11.0	1600	76	3.0	0,16
10.1216.08	1/2"	- 8	12,7	0.50	19,8	0.78	2.8	400	11.0	1600	102	4.0	0,24
10.1216.10	5/8"	- 10	16,0	0.63	23,0	0.91	2.4	350	9.7	1400	127	5.0	0,28
10.1216.12	3/4"	- 12	19,0	0.75	26,2	1.03	2.1	300	8.3	1200	152	7.0	0,41
10.1216.14	7/8"	- 14	22,0	0.87	31,3	1.23	2.2	310	8.8	1240	200	7.9	0,56
10.1216.16	1"	- 16	25,4	1.00	32,5	1.28	1.7	250	6.8	1000	203	8.0	0,58

Note: Sizes - 14 (DN 22) 7/8" and - 16 (DN 25) 1" not included in the standards.

Balflex® DIN EN 854 2TE – 10.1217.

According to ISO 4079 type 2 / DIN EN 854 type 2TE

Medium pressure, single textile braid reinforced hydraulic hose



part number	Ø nom.	dash size	Ø internal		Ø external		working pressure		min. burst pressure		min. bend radius		weight
			mm	inch	mm	inch	MPa	PSI	MPa	PSI	mm	inch	
10.1217.03	3/16"	- 3	4,8	0.19	11,8	0.46	8.0	1160	32.0	4640	25	1.0	0,11
10.1217.04	1/4"	- 4	6,3	0.25	13,4	0.53	7.5	1087	30.0	4350	40	1.5	0,13
10.1217.05	5/16"	- 5	8,0	0.31	14,9	0.59	6.8	985	27.2	3940	50	2.0	0,17
10.1217.06	3/8"	- 6	9,5	0.38	16,5	0.65	6.3	913	25.2	3650	60	2.4	0,18
10.1217.08	1/2"	- 8	12,7	0.50	19,7	0.78	5.8	840	23.2	3360	70	2.8	0,26
10.1217.10	5/8"	- 10	16,0	0.63	23,9	0.94	5.0	725	20.0	2900	90	3.6	0,30
10.1217.12	3/4"	- 12	19,0	0.75	27,0	1.06	4.5	650	18.0	2610	110	4.4	0,43
10.1217.16	1"	- 16	25,4	1.00	34,4	1.35	4.0	580	16.0	2320	150	5.9	0,60

Construction characteristics and dimensions may be changed at any time without prior notice.

The data contained herein is information purposes only and does not enlarge, amend or imply any warranty other than provided by the manufacturer with the product. Any use of the product not in conformance with the manufacturer's instructions may be dangerous.

Only items in this catalogue are carried in stock. Some items are subjected to minimum quantities or sold only in multiples of standard quantities. Please refer to the price list or contact our commercial department.

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