

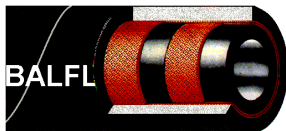
# Balflex<sup>®</sup> DIN EN 854 3TE / SAE 100R3



## Balflex<sup>®</sup> DIN EN 854 3TE / SAE 100R3 – 10.1220.

According to ISO 4079 type 3 / DIN EN 854 type 3TE / SAE J517 type SAE 100R3

### Medium pressure, double textile braid reinforced hydraulic hose



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 2 high resistance synthetic fiber braids
- 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<sup>®</sup> crimped fittings 23 serie with ferrules 20.201. serie on sizes 1/4", 5/16", 3/8", 1", 1.1/4", 1.1/2" and 2", and 20.202. series on sizes 1/2", 5/8" and 3/4".

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	
10.1220.03	3/16"	- 3	4,8	0.19	12,8	0.50	16.0	2320	64.0	9280	40	1.57	0,13
10.1220.04	1/4"	- 4	6,3	0.25	14,5	0.57	14.5	2100	58.0	8400	45	1.77	0,18
10.1220.05	5/16"	- 5	8,0	0.31	17,0	0.67	13.0	1885	52.0	7540	55	2.17	0,25
10.1220.06	3/8"	- 6	9,5	0.38	18,5	0.73	11.0	1595	44.0	6380	70	2.76	0,28
10.1220.08	1/2"	- 8	12,7	0.50	21,8	0.86	9.3	1350	37.2	5400	85	3.35	0,44
10.1220.10	5/8"	- 10	16,0	0.63	26,0	1.02	8.0	1160	32.0	4640	105	4.13	0,49
10.1220.12	3/4"	- 12	19,0	0.75	29,0	1.14	7.0	1015	28.0	4060	130	5.12	0,68
10.1220.16	1"	- 16	25,4	1.00	36,0	1.42	5.5	797	22.0	3188	150	5.91	0,69
10.1220.20	1.1/4"	- 20	32,0	1.25	42,0	1.65	4.5	650	18.0	2600	190	7.48	0,88
10.1220.24	1.1/2"	- 24	38,0	1.50	49,5	1.95	4.0	580	16.0	2320	240	9.45	1,27
10.1220.32	2"	- 32	50,8	2.00	62,2	2.45	3.3	480	13.2	1920	300	11.81	1,35

Note: Sizes - 24 (1.1/2") and - 32 (2") not included in the standards.

COVER: U.S. MSHA APPROVED

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

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**Balflex<sup>®</sup> – The European Technology**