



# Balflex® EN 855 R7 / SAE 100R7

## Balflex® EN 855 R7 / SAE 100R7 – 10.1030.

According to ISO 3949 / EN 855 type R7 / SAE J517 type SAE 100R7

**High pressure, synthetic polyester braid reinforced thermoplastic hydraulic hose**



- Inner tube:** seamless oil resistant thermoplastic
- Reinforcement:** 1 high tensile polyester braid
- Outer tube:** black, oil and weather resistant thermoplastic
- 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: + 65°C (+ 149°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	
10.1030.02	1/8"	- 2	3,0	0.12	8,1	0.32	28.0	4060	112.0	16240	50	2.00	0,05
10.1030.03	3/16"	- 3	4,8	0.19	10,3	0.41	21.0	3045	84.0	12180	75	2.95	0,07
10.1030.04	1/4"	- 4	6,3	0.25	12,4	0.49	19.0	2755	76.0	11020	100	3.94	0,09
10.1030.05	5/16"	- 5	8,0	0.31	14,2	0.56	19.0	2755	76.0	11020	114	4.49	0,13
10.1030.06	3/8"	- 6	9,5	0.38	15,7	0.62	16.0	2320	64.0	9280	127	5.00	0,16
10.1030.08	1/2"	- 8	12,7	0.50	19,3	0.76	14.0	2030	56.0	8120	178	7.00	0,22
10.1030.10	5/8"	- 10	16,0	0.63	23,1	0.91	10.5	1523	42.0	6092	203	7.99	0,28
10.1030.12	3/4"	- 12	19,0	0.75	26,4	1.04	9.0	1305	36.0	5220	254	10.00	0,33
10.1030.16	1"	- 16	25,4	1.00	33,3	1.31	7.0	1015	28.0	4060	305	12.00	0,40

Note: Size - 2 (1/8") not included in the standards.

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

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