

Balflex® EN 855 R8 / SAE 100R8



Balflex® EN 855 R8 / SAE 100R8 – 10.1033.

According to ISO 3949 / EN 855 type R8 / SAE J517 type SAE 100R8

High pressure, single aramidic braid reinforced thermoplastic hydraulic hose



- Inner tube:** seamless oil resistant thermoplastic
- Reinforcement:** 1 high tensile aramidic fiber 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 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	
10.1033.03	3/16"	- 3	4,8	0.19	10,3	0.41	35.0	5075	140.0	20300	35	1.38	0,09
10.1033.04	1/4"	- 4	6,3	0.25	12,4	0.49	35.0	5075	140.0	20300	50	1.96	0,10
10.1033.05	5/16"	- 5	8,0	0.31	14,2	0.55	30.0	4350	120.0	17400	60	2.36	0,13
10.1033.06	3/8"	- 6	9,5	0.38	15,7	0.62	28.0	4060	112.0	16240	80	3.15	0,18
10.1033.08	1/2"	- 8	12,7	0.50	19,3	0.76	24.5	3553	98.0	14212	95	3.74	0,22
10.1033.10	5/8"	- 10	16,0	0.63	23,1	0.91	20.0	2900	80.0	11600	125	4.92	0,31
10.1033.12	3/4"	- 12	19,0	0.75	26,4	1.04	16.5	2393	66.0	9572	150	5.90	0,36
10.1033.16	1"	- 16	25,4	1.00	33,3	1.31	14.0	2030	56.0	8120	200	7.87	0,51

Balflex® Ultraflex R9 – 10.1038.

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			mm	inch	mm	inch	MPa	PSI	MPa	PSI	mm	inch	
10.1038.06	3/8"	- 6	9,5	0.38	16,0	0.63	38.0	5510	152.0	22040	80	3.15	0,18
10.1038.08	1/2"	- 8	12,7	0.50	20,3	0.80	34.5	5000	138.0	20000	95	3.74	0,22

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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