



# Balflex® R7 SteelFlex

## Balflex® R7 SteelFlex – 10.1031.

**High pressure, steel wire braid reinforced thermoplastic hydraulic hose**



- Inner tube:** seamless oil resistant thermoplastic
- Reinforcement:** 1 high tensile steel wire 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	
10.1031.02	1/8"	- 2	3,0	0.12	6,9	0.27	35.0	5075	140.0	20300	25	1.00	0,10
10.1031.03	3/16"	- 3	4,8	0.19	10,0	0.39	30.0	4350	120.0	17400	30	1.18	0,13
10.1031.04	1/4"	- 4	6,3	0.25	11,9	0.47	27.5	3988	110.0	15952	40	1.57	0,17
10.1031.05	5/16"	- 5	8,0	0.31	14,0	0.55	24.0	3480	96.0	13920	50	1.96	0,22
10.1031.06	3/8"	- 6	9,5	0.38	16,0	0.63	22.0	3190	88.0	12790	60	2.36	0,26
10.1031.08	1/2"	- 8	12,7	0.50	20,5	0.81	17.5	2538	70.0	10152	75	2.95	0,39
10.1031.10	5/8"	- 10	16,0	0.63	23,3	0.92	14.0	2030	56.0	8120	110	4.33	0,41
10.1031.12	3/4"	- 12	19,0	0.75	25,0	0.98	11.5	1668	46.0	6672	150	5.90	0,45
10.1031.16	1"	- 16	25,4	1.00	32,5	1.28	10.0	1450	40.0	5800	230	9.06	0,62

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

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