

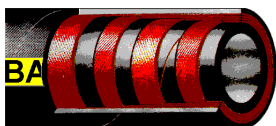


# Balflex® BALMASTER SAE 100R12

## Balflex® BALMASTER EN 856 R12 / SAE 100R12 – 10.1012.

According to ISO 3862 / EN 856 type R12 / SAE J517 type SAE 100R12

**High pressure, four steel wire spirals reinforced hydraulic hose**



- Inner tube:** seamless oil resistant synthetic rubber
- Reinforcement:** 4 spirals of high tensile steel wire
- 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); Intermittent service: + 120°C (+ 248°F)  
Max. temperature recommended for water base hydraulic fluids: + 70°C (+ 158°F)  
Max. temperature recommended for air: + 60°C (+ 140°F)
- Couplings:** Balflex® crimped fittings 23 or 24 series 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	
10.1012.06	3/8"	- 6	9,5	0.38	20,3	0.80	27.6	4000	110.0	16000	125	5.0	0,80
10.1012.08	1/2"	- 8	12,7	0.50	23,6	0.93	27.6	4000	110.0	16000	180	7.0	1,15
10.1012.10	5/8"	- 10	16,0	0.63	27,4	1.08	27.6	4000	110.0	16000	205	8.0	1,26
10.1012.12	3/4"	- 12	19,0	0.75	30,7	1.21	27.6	4000	110.0	16000	240	9.5	1,44
10.1012.16	1"	- 16	25,4	1.00	38,1	1.50	27.6	4000	110.0	16000	305	12.0	2,15
10.1012.20	1.1/4"	- 20	32,0	1.25	47,0	1.85	20.7	3000	82.7	12000	420	16.5	2,75
10.1012.24	1.1/2"	- 24	38,0	1.50	53,6	2.11	17.2	2500	69.0	10000	510	20.0	3,35
10.1012.32	2"	- 32	50,8	2.00	66,8	2.63	17.2	2500	69.0	10000	635	25.0	4,60

COVER: U.S. MSHA APPROVED

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

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