

# Balflex® BALMASTER SAE 100R12

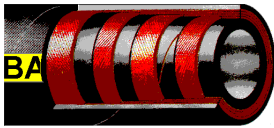


## Balflex® ARMORGUARD BALMASTER EN 856 R12 / SAE 100R12 10.1012.--A

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

## Balflex® ARMORGUARD VERY HIGH ABRASION RESISTANCE

**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 VERY HIGH 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	
10.1012.06A	3/8"	- 6	9,5	0.38	20,3	0.80	27.6	4000	110.0	16000	125	5.0	0,80
10.1012.08A	1/2"	- 8	12,7	0.50	23,6	0.93	27.6	4000	110.0	16000	180	7.0	1,15
10.1012.10A	5/8"	- 10	16,0	0.63	27,4	1.08	27.6	4000	110.0	16000	205	8.0	1,26
10.1012.12A	3/4"	- 12	19,0	0.75	30,7	1.21	27.6	4000	110.0	16000	240	9.5	1,44
10.1012.16A	1"	- 16	25,4	1.00	38,1	1.50	27.6	4000	110.0	16000	305	12.0	2,15
10.1012.20A	1.1/4"	- 20	32,0	1.25	47,0	1.85	20.7	3000	82.7	12000	420	16.5	2,75
10.1012.24A	1.1/2"	- 24	38,0	1.50	53,6	2.11	17.2	2500	69.0	10000	510	20.0	3,35
10.1012.32A	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.

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.

**Balflex® – The European Technology**