

BALMASTER BESTFLEX R12



SAE 100R12 / DIN EN 856 R12 / ISO 3862 - 10.1012.-F

Very high pressure, extra flexible, four steel wire spirals reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID	OD	MPa		MIN BEND RAD		KG	
					mm	mm	MPa	PSI	MPa	PSI		mm
R12-06-A	10.1012.06F	DN10	3/8"	-6	9,6	19,6	28,0	4000	112,0	16000	120	0,80
R12-08-A	10.1012.08F	DN12	1/2"	-8	12,9	23,1	28,0	4000	112,0	16000	170	1,15
R12-10-A	10.1012.10F	DN16	5/8"	-10	16,0	27,0	28,0	4000	112,0	16000	190	1,26
R12-12-A	10.1012.12F	DN19	3/4"	-12	19,2	30,1	28,0	4000	112,0	16000	230	1,44
R12-16-A	10.1012.16F	DN25	1"	-16	25,6	37,3	28,0	4000	112,0	16000	290	2,15
R12-20-A	10.1012.20F	DN31	1.1/4"	-20	32,1	46,5	21,0	3100	84,0	12400	400	2,75
R12-24-A	10.1012.24F	DN38	1.1/2"	-24	38,3	53,0	17,5	2600	70,0	10400	480	3,35
R12-32-A	10.1012.32F	DN51	2"	-32	51,0	66,5	17,5	2600	70,0	10400	630	4,60

INNER TUBE: seamless oil resistant synthetic rubber
REINFORCEMENT: 4 spirals of high tensile steel wire

OUTER TUBE: black wrapped, 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® 2-piece fittings serie 23/24 with 20 serie ferrules. Balflex® Multicrimp fittings serie BW23
AVAILABLE VERSIONS: tough cover / Armourguard

BALFLEX // **BALMASTER BESTFLEX** SAE 100R12 / DIN EN 856 - DN10 - 3/8" - ISO 3862 - WP ^{28 MPa} 4000 PSI - Flame Resistant - MSHA IC-252/00

POWERSPIR BESTFLEX R13



SAE 100R13 / DIN EN 856 R13 / ISO 3862 - 10.1014.-F

Very high pressure, extra flexible, four or six steel wire spirals reinforced hydraulic hose

REFERENCE	#	DN	inch	SAE Dash	ID	OD	MPa		MIN BEND RAD		KG	
					mm	mm	MPa	PSI	MPa	PSI		mm
4SH-12-R13/15-A	10.1009.12F	DN19	3/4"	-12	19,2	30,8	42,0	6100	168,0	24400	265	1,56
4SH-16-R13/15-A	10.1009.16F	DN25	1"	-16	25,6	37,6	42,0	6100	168,0	24000	330	2,09
R13-20-A	10.1014.20F	DN31	1.1/4"	-20	32,1	49,4	35,0	5100	140,0	20400	420	3,90
R13-24-A	10.1014.24F	DN38	1.1/2"	-24	38,3	56,9	35,0	5100	140,0	20400	500	4,96
R13-32-A	10.1014.32F	DN51	2"	-32	51,0	70,9	35,0	5100	140,0	20400	620	7,09

INNER TUBE: seamless oil resistant synthetic rubber
REINFORCEMENT: 4 or 6 spirals of high tensile steel wire
OUTER TUBE: black wrapped, 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® 2-piece fittings serie 24/26 with 20 serie ferrules. Balflex® Multicrimp fittings serie BW23/JJ

AVAILABLE VERSIONS: tough cover / Armourguard
NOTES: According to ISO 3862/EN 856 type R13/SAE J517 type R13, the Balflex® POWERSPIR SAE 100R13 hose is of 4 steel wire spirals on sizes -12 (3/4") and -16 (1") and of 6 steel wire spirals on sizes -20 (1.1/4"), -24 (1.1/2") and -32 (2").

*On sizes -12 (3/4") and -16 (1") the Balflex® POWERSPIR DIN EN 856 4SH and SAE 100R13 and SAE 100R15 hoses are the same. The working pressure of Balflex® POWERSPIR DIN EN 856 4SH SAE 100R13 3/4" and Balflex® POWERSPIR DIN EN 856 4SH SAE 100R13 1" are higher than standard SAE 100R13.

BALFLEX // **POWERSPIR BESTFLEX** SAE 100R13 / DIN EN 856 / ISO 3862 - DN38 - 1.1/2" - WP ^{35 MPa} 5000 PSI - MSHA IC-252/00