

BALFLON SAE 100R14



SAE 100R14 - 10.2003. - European size

High pressure, standard wall, single steel wire reinforced hydraulic hose with smooth PTFE lining

REFERENCE	#	inch	DN	ID mm	OD mm	MPa	PSI	MPa	PSI	MIN BEND RAD mm	KG kg/m
R14-02-TB	10.2001.02	1/8"	-2	3,2	5,9	27,5	4000	110,0	16000	40	0,06
R14-03-TB	10.2003.03	3/16"	-3	4,8	7,4	20,0	2900	80,0	11600	50	0,08
R14-04-TB	10.2003.04	1/4"	-4	6,3	9,0	17,5	2600	70,0	10400	75	0,09
R14-05-TB	10.2003.05	5/16"	-5	8,0	10,8	15,0	2200	60,0	8800	100	0,14
R14-06-TB	10.2003.06	3/8"	-6	9,5	12,4	13,5	2000	54,0	8000	125	0,16
R14-08-TB	10.2003.08	1/2"	-8	12,7	15,7	12,0	1800	48,0	7200	165	0,21
R14-10-TB	10.2003.10	5/8"	-10	16,0	19,1	10,0	1500	40,0	6100	200	0,27
R14-12-TB	10.2003.12	3/4"	-12	19,0	22,2	9,0	1400	36,0	5600	280	0,37
R14-16-TB	10.2003.16	1"	-16	25,4	29,3	6,5	950	26,0	3800	400	0,49

INNER TUBE: seamless smooth polytetrafluorethylene (PTFE)
OUTER TUBE: 1 stainless steel wire braid
SAFETY FACTOR: 4:1

APPLICATION: water base, petroleum base or synthetic base hydraulic fluids, corrosive, food liquids and high temperature gases and liquids

TEMPERATURE RANGE: -70°C (-95°F) +260°C (+500°F)
COUPLINGS: Balflex® 2-piece fittings serie 23 with 20 serie ferrules

AVAILABLE VERSIONS: Black Conductive
NOTE: Operating temperatures in excess of +204°C with petroleum base hydraulic fluids can materially reduce the life of the hose.

BALFLON SAE 100R14



SAE 100R14 - 10.2000. - SAE Dash Size

High pressure, standard wall, single steel wire reinforced hydraulic hose with smooth PTFE lining

REFERENCE	#	inch	SAE Dash	ID mm	OD mm	MPa	PSI	MPa	PSI	MIN BEND RAD mm	KG kg/m
R14-03	10.2001.03	1/8"	-3	3,2	5,9	27,5	4000	110,0	16000	40	0,07
R14-04	10.2000.04	3/16"	-4	4,8	7,4	20,0	2900	80,0	11600	50	0,08
R14-05	10.2000.05	1/4"	-5	6,3	9,0	17,5	2600	70,0	10400	75	0,09
R14-06	10.2000.06	5/16"	-6	8,0	10,8	15,0	2200	60,0	8800	100	0,14
R14-08	10.2000.08	13/32"	-8	10,3	13,3	13,0	1900	54,0	7600	130	0,17
R14-10	10.2000.10	1/2"	-10	12,7	15,7	12,0	1800	48,0	7200	165	0,21
R14-12	10.2000.12	5/8"	-12	16,0	19,1	10,0	1500	40,0	6100	200	0,27
R14-16	10.2000.16	7/8"	-16	22,0	25,6	6,5	950	26,0	3800	350	0,51
R14-20	10.2000.20	1 1/8"	-20	28,6	32,5	5,5	800	22,0	3200	450	0,53

INNER TUBE: seamless smooth polytetrafluorethylene (PTFE)
OUTER TUBE: 1 stainless steel wire braid
SAFETY FACTOR: 4:1

APPLICATION: water base, petroleum base or synthetic base hydraulic fluids, corrosive, food liquids and high temperature gases and liquids

TEMPERATURE RANGE: -70°C (-95°F) +260°C (+500°F)
COUPLINGS: Balflex® 2-piece fittings serie 23 with 20 serie ferrules.

AVAILABLE VERSIONS: Black Conductive
NOTE: Operating temperatures in excess of +204°C with petroleum base hydraulic fluids can materially reduce the life of the hose.