

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