

# BALFLON CONVOLUTED (CORRUGATED)



## 10.2010.

High pressure, single Stainless Steel wire braid reinforced corrugated PTFE hose

REFERENCE	#	inch	SAE Dash	ID mm	OD mm	MPa PSI	MPa PSI	MIN BEND RAD mm	KG kg/m
R14-04-CV	10.2010.04	1/4"	-4	6,5	11,5	<b>16,0</b> 2400	<b>64,0</b> 9600	20	0,10
R14-05-CV	10.2010.05	5/16"	-5	8,1	12,3	<b>13,5</b> 2000	<b>54,0</b> 8000	30	0,17
R14-06-CV	10.2010.06	3/8"	-6	9,7	15,6	<b>12,0</b> 1800	<b>48,0</b> 7200	30	0,20
R14-08-CV	10.2010.08	1/2"	-8	12,7	18,9	<b>11,0</b> 1600	<b>44,0</b> 6400	40	0,27
R14-10-CV	10.2010.10	5/8"	-10	16,0	22,2	<b>8,0</b> 1200	<b>32,0</b> 4800	50	0,33
R14-12-CV	10.2010.12	3/4"	-12	19,1	26,4	<b>7,0</b> 1100	<b>28,0</b> 4400	80	0,47
R14-16-CV	10.2010.16	1"	-16	25,4	33,0	<b>5,0</b> 730	<b>20,0</b> 2920	100	0,63
R14-20-CV	10.2010.20	1.1/4"	-20	32,0	40,5	<b>4,5</b> 660	<b>18,0</b> 2640	120	0,98
R14-24-CV	10.2010.24	1.1/2"	-24	39,0	47,0	<b>4,0</b> 580	<b>16,0</b> 2320	140	0,30
R14-32-CV	10.2010.32	2"	-32	51,0	61,2	<b>3,6</b> 530	<b>14,4</b> 2120	175	1,20

**INNER TUBE:** seamless corrugated 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.

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