



GR14A HOSE



Goodyear Hydraulics is pleased to introduce a smooth bore PTFE hose line. GR14A is designed to be used in a wide range of demanding industrial, aerospace, and automotive applications. When extremes are introduced into a system (be it temperature, environment, or transfer media requirements) and rubber or synthetic hoses can not be used, PTFE hose is the solution. GR14A can be crimped with the Goodyear Uni-Crimp stems.

Market Applications

- Truck and bus
- Industrial plants
- Air compressor discharge
- Chemical applications
- Fuel and lubricant handling
- High-temp oil

Features

- Qualified with current Uni-Crimp stems
- Assembles with standard Perma-Crimp die set
- Available in sizes -03 (3/16") thru -16 (1") ID - **True Bore**
- Meets or exceeds SAE100R14A, FDA 21 CFR 177.1550 specifications
- Low temperature flexibility

Benefits

- Expanding product capabilities without adding new SKUs
- No new tooling investments
- True Bore eliminates assembler confusion
- Outstanding chemical resistance AND corrosion resistance wire reinforcement
- Will operate in -65 F environments – **Continuous**



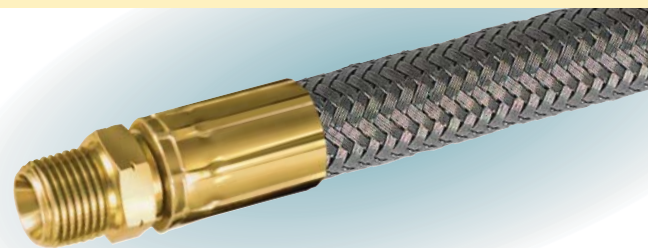
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one solution



PTFE SMOOTH BORE 100R14A HOSE



- Inner Tube:** Polytetrafluoroethylene
- Reinforcement:** 304 stainless steel wire braid
- Temperature Range:** -65 F to 450F (-54C to 232C) continuous
-100F to 500F (-73C to 260C) intermittent
- Fitting Reference:**
- Hose utilizes UCF9 ferrules with Goodyear Uni-Crimp™ stems
 - Assemblies utilizing fittings with O-rings should not exceed max O-ring temperature

Part Number	Hose Size ID		Hose Size OD		Max. Working PSI		Min. Bend Radius		Min. Burst PSI		Weight lbs/ft
	Inch	SAE Dash Size	Inch	MM	PSI	Mpa	Inch	MM	PSI	MPA	lbs/ft
GR14A-03	3/16"	4	0.312	7.9	3000	20.6	2	50.8	12000	82.7	0.07
GR14A-04	1/4"	5	0.375	9.5	3000	20.6	3	76.2	12000	82.7	0.099
GR14A-05	5/16"	6	0.445	11.3	2500	17.2	4	101.6	10000	68.9	0.11
GR14A-06	3/8"	7	0.503	12.8	2250	15.5	4.5	114.3	9000	62.1	0.124
GR14A-08	1/2"	10	0.648	16.5	1500	10.3	6.5	165.1	6000	41.3	0.154
GR14A-10	5/8"	12	0.778	19.8	1200	8.3	7.7	195.6	4800	33.1	0.17
GR14A-12	3/4"	14	0.886	22.5	1100	7.6	8.2	208.2	4400	30.3	0.198
GR14A-16	1"	18	1.135	28.8	900	6.2	10	254	3600	24.8	0.305

