

1.06 | Smooth Bore PTFE Hose

GENERAL PURPOSE Smooth bore hoses

Also Available

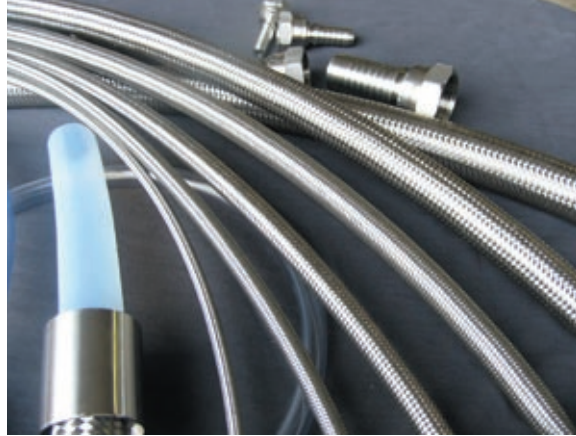
- SAE 100R14
- IMPERIAL STANDARD AND HEAVY WALL
- METRIC STANDARD AND HEAVY WALL
- DASH RANGE STANDARD WALL

SAE 100R14

The PTFE hose core is manufactured from Teflon[®]. No pigments or additives are incorporated thus giving the hose liner a translucent appearance free from any contamination. The wire braiding (1 or 2 wire available) is produced from AISI 304/S15 or BS970 1970 quality hard drawn tensile stainless steel wire. Reduced static versions of all hoses are available for applications where electrically resistive fluids are being transferred at high flow rates.

The standard wall products are not recommended for steam-cold water cycling. We recommend the Heavy Wall range for the most demanding applications including intense thermal cycling.

All figures stated are for 1 wire braid hose - 2 wire braid hose specifications are available upon request.



SMOOTH BORE HOSE

All of the hoses in the following range are fully approved to the SAE specification and are available from Pacific Hoseflex today. We feel that this will become the global size range for PTFE hoses and recommend that your smooth bore hose demands are selected from this range. If the coupling size restricts your choice we have three further ranges of smooth bore hoses for you to select the exact size that best suits your requirement.

AFX Part Number	Size/ Description	Internal Diameter				Wall		Outside Diameter				Minimum		Maximum*		Minimum*	
		Minimum		Maximum		Thickness		Minimum		Maximum		Bend	Radius	Working	Pressure	Burst	Pressure
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	psi	bar	psi	bar
14003	DASH 3 SAE 100R14	3.3	0.130	3.5	0.138	0.76	0.030	5.84	0.230	6.35	0.250	38	1.5	1500	103	12000	828
14004	DASH 4 SAE 100R14	4.64	0.183	5.2	0.205	0.76	0.030	7.32	0.288	8.2	0.324	51	2	1500	103	10000	690
14005	DASH 5 SAE 100R14	6.17	0.243	6.73	0.265	0.76	0.030	8.92	0.351	9.47	0.373	76	3	1500	103	9000	621
14006	DASH 6 SAE 100R14	7.54	0.297	8.38	0.330	0.76	0.030	10.36	0.408	11.63	0.456	102	4	1500	103	8000	552
14007	DASH 7 SAE 100R14	9.27	0.365	9.77	0.385	0.76	0.030	12.2	0.480	13.21	0.520	127	5	1500	103	7000	483
14008	DASH 8 SAE 100R14	10.08	0.397	10.85	0.427	0.76	0.030	13.03	0.513	14.19	0.559	133	5.25	1000	69	6000	414
14010	DASH 10 SAE 100R14	12.42	0.489	13.18	0.519	0.76	0.030	15.44	0.608	16.71	0.658	165	6.5	800	55	6000	414
14012	DASH 12 SAE 100R14	15.36	0.605	16.38	0.645	0.76	0.030	18.74	0.738	20.02	0.788	197	7.75	800	55	5000	345
14014	DASH 14 SAE 100R14	18.61	0.733	19.38	0.763	0.89	0.035	21.59	0.850	22.86	0.900	229	9	800	55	4000	276
14016	DASH 16 SAE 100R14	21.46	0.845	23.00	0.905	0.89	0.035	24.60	0.970	26.90	1.061	229	9	800	55	3500	241
14018	DASH 18 SAE 100R14	24.63	0.970	26.16	1.030	0.89	0.035	27.80	1.095	29.85	1.175	305	12	800	55	3500	241
14020	DASH 20 SAE 100R14	27.80	1.095	28.34	1.155	1.14	0.045	31.95	1.258	33.50	1.320	406	16	600	41	2500	172

* Please note that Hoseflex TEFLON HOSE meets and exceeds the stated working and burst pressure values of the SAE specification.

* Please note all pressures stated are static