PTFE SPACERS

Custom Manufactured For Your Application

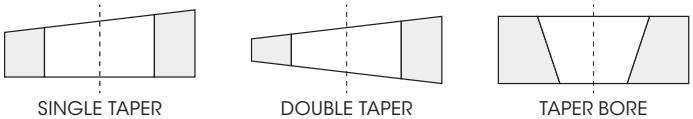


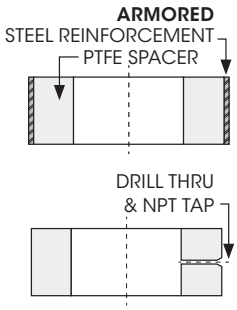
MFP Seals' PTFE SPACERS, a product line of over 140 standard profiles, are designed to exceed your expectations and meet the quality standards of your application. MFP Seals manufactures PTFE Spacers utilizing state-of-the-art tools. Specializing in PTFE Spacers with sizes ranging from 1/4" to 48" (6 mm to 1,220 mm).

CONTACT MFP SEALS TO ORDER YOUR PTFE SPACERS TODAY!

MFP Seals' PTFE SPACERS product line includes:

Ring & Full Face Spacers: Standard, Blind, Armored (Steel Reinforcement - Outer Ring) Orifice (Drill thru & NPT Tap)
Tapered Spacers: Single, Double, and Tapered Bore
Other Spacers: Flanges, Paddle Spacers





Custom sizes and configurations are also available.

Material Facts
T1000 (Virgin PTFE)

Properties	Method	Typical Value
PHYSICAL - MECHANICAL		
Density (g/cm^3)	ASTM D792	2.14 - 2.18
Hardness Shore D (points)	ASTM D2240	51 - 60
Tensile Strength CD (MPa)	ISO 527	≥ 20
Elongation at Break CD (%)	ISO 527	>200
Compressive Strength at 1% deformation CD (psi)	ASTM D695	580 - 725
Deformation under load at room temp. after 24 hours at 13.7 N/mm^2 CD (%)	ASTM D621	14 - 17
Permanent deformation as above after 24 hours of rest at room temp. CD (%)	ASTM D621	7 - 8
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Impact strength Izod (J/m)	ASTM D256	153
TRIBIOLOGICAL		
Dynamic Coefficient of Friction	ASTM D1894 ASTM D3702	0.06
Wear factor K	ASTM D3702	2.900
PV limit at 3 m/min at 30 m/min at 300 m/min	$N/mm^2 \cdot m/min$	 2.4 4.2 5.7
THERMAL		
Service Temperature (min to max)	°C °F	-200 to +260 -328 to +500
Thermal expansion coefficient (linear) 25 - 100°C (10-5in/in/°F)	ASTM D696	6.625 - 7.206
ELECTRICAL		
Dielectric Strength (specimen 0.5 mm thick) (KV/mm)	ASTM D149	≥ 40
Dielectric Constant at 60 Hz and 106 Hz	ASTM D150	2.05 - 2.10
Volume Resistivity ($\Omega \cdot cm$)	ASTM D257	1018
Surface Resistivity (Ω)	ASTM D257	1017

CD = Cross Direction

The data we are herewith providing are all based on laboratory testing and are proposed to technical designers as possible and useful advice. Deviations from the values indicated may occur, but they do not constitute themselves either detriment of quality or reason for rejection.

MFP SEALS®
MARTIN FLUID POWER

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