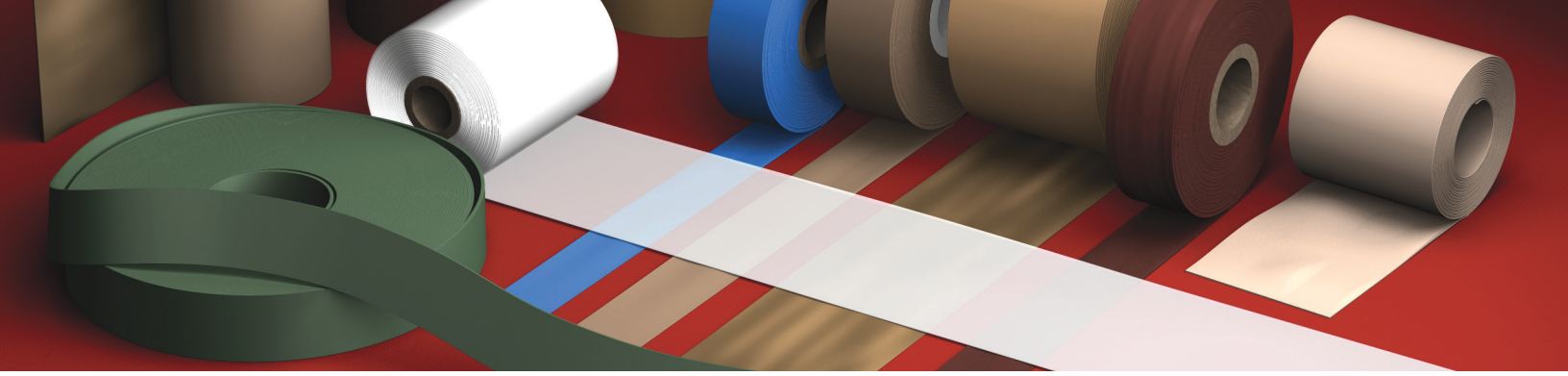


PTFE SKIVED TAPE

ETCHED & UNETCHED

MFP Seals has the know-how to make the best quality skived PTFE products on the market today. Our skived material can be produced from 0.002" up to 0.250" thick, in widths from 0.5" up to 60", made with the most up-to-date skiving technologies, and premium selection of raw materials. Our skived tapes can also be made to the standards of the Aerospace and Electronics Industries.

Available in T1000 (virgin PTFE), standard PTFE, and filled PTFE compounds, such as, bronze, carbon, glass fiber, or other special materials, we have a Skived Tape to fit your application. The special fillers and the technology used to process etch compounded tapes can enhance certain properties, and lower the co-efficient of friction, increase hardness, wear strength, and high temperature resistance, increase pressure resistance, and wear resistance (longevity), resulting in lowered operating costs.

T1000 (Virgin PTFE)

Property	Unit	Method	Typical Value	
			Extruded	Molded
Density	g/cm3	ASTM D792	2.14 - 2.18	
Tensile Strength	N/mm2	ASTM D4894	≥ 20	≥ 24
Elongation at Break	%	ASTM D4894	≥ 200	≥ 250
Compressive Strength at 1% Deformation	N/mm2	ASTM D695	4 - 5	
Coefficient of Friction (Dynamic)	–	ASTM D1894	0.06	
Service Temperature (Min - Max)	°C (°F)	–	-200 to +260 (-328 to +500)	
Dielectric Strength in Air	kV/mm	ASTM D149	≥ 20	≥ 40

T4000 (PTFE)

Property	Unit	Method	Typical Value	
			Extruded	Molded
Density	g/cm^3	ASTM D792	2.13 - 2.20	
Tensile Strength	N/mm^2	ASTM D1708	≥ 13	≥ 13
Elongation at Break	%	ASTM D1708	≥ 100	≥ 150
Compressive Strength at 1% Deformation	N/mm^2	ASTM D695	2 - 4	
Coefficient of Friction (Dynamic)	–	ASTM D1894	0.06	
Service Temperature (Min - Max)	°C (°F)	–	-200 to +260 (-328 to +500	
Dielectric Strength in Air	kV/mm	ASTM D149	≥ 20	≥ 40

MFP Seals produces Skived tapes that are Etched or Unetched. Skived Tapes that have undergone the etching treatment process can adhere to adhesives, allowing them to be bonded to plastic, metal and rubber surfaces. The etching process will turn the treated surface of the PTFE to a Brown or Burgundy color.

Skived Tape is commonly used in: Machine Centers: Milling, Drilling and Grinding Machines; Lathes, Saws and Skids; Bridge Supports, Construction Engineering, and Maintenance Applications.

PTFE - Skived Tape

Thickness	Tolerance
0.025"	+ 0.0014"
0.031" (1/32")	+ 0.0015"
0.062" (1/16")	+ 0.0039"
0.093" (3/32")	+ 0.0079"
0.125" (1/8")	+ 0.0120"
0.187" (3/16")	+ 0.0160"
0.250" (1/4")	+ 0.0200"

T1000 (Virgin PTFE) - Skived Tape

Thickness	Tolerance
0.002"	+ 0.0004"
0.003"	+ 0.0004"
0.004"	+ 0.0004"
0.005"	+ 0.0004"
0.008"	+ 0.0007"
0.010"	+ 0.0008"
0.015"	+ 0.0012"
0.020"	+ 0.0013"

Thickness	Tolerance
0.025"	+ 0.0014"
0.031" (1/32")	+ 0.0015"
0.062" (1/16")	+ 0.0039"
0.093" (3/32")	+ 0.0079"
0.125" (1/8")	+ 0.0120"
0.187" (3/16")	+ 0.0160"
0.250" (1/4")	+ 0.0200"

MFP SEALS®
MARTIN FLUID POWER

For more information, or to place an order contact:
Corporate Headquarters
32471 Industrial Drive, Madison Heights, MI 48071
(248) 585-8170 · sales@mfpseals.com
www.mfpseals.com

The MFP Seals Logo is a registered trademark of Martin Fluid Power Co.