

## Garlock 8764 PTFE Rubber Sheet

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

**Material Notes:**

Premium Grade Skived PTFE Sheet Information provided by Garlock Rubber Technologies

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Garlock-8764-PTFE-Rubber-Sheet.php](http://www.lookpolymers.com/polymer_Garlock-8764-PTFE-Rubber-Sheet.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.14 - 2.20 g/cc	2.14 - 2.20 g/cc	
Deformation	15 - 16 % @Time 86400 sec, Pressure 13.8 MPa	15 - 16 % @Time 24.0 hour, Pressure 2000 psi	ASTM D621

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52 - 65	52 - 65	ASTM D2240
Tensile Strength	27.6 MPa	4000 psi	ASTM D638, ASTM D1709
Elongation at Break	>= 300 %	>= 300 %	ASTM D638, ASTM D1709

Thermal Properties	Metric	English	Comments
CTE, linear	72.0 - 162 $\mu\text{m/m}\cdot\text{Å}^\circ\text{C}$ @Temperature 25.6 - 204 $\text{Å}^\circ\text{C}$	40.0 - 90.0 $\mu\text{in/in}\cdot\text{Å}^\circ\text{F}$ @Temperature 78.0 - 400 $\text{Å}^\circ\text{F}$	ASTM D696
Thermal Conductivity	0.245 W/m-K	1.70 BTU-in/hr-ft $\text{Å}^2\cdot\text{Å}^\circ\text{F}$	ASTM C177

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	ASTM D257
Dielectric Strength	>= 23.6 kV/mm	>= 600 kV/in	ASTM D149a

## Contact Songhan Plastic Technology Co.,Ltd.

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