



SPEC SHEET : TEFLON/PTFE SERIES : KN5601/PTFE SHEET

Applications:

- ◆ Corrosion resistance: widely used in all chemical containers and parts which contacted with corrosive media, such as tanks, reactors, equipment lining, valves, pumps, fittings, filter materials, separation materials and pipe for corrosive fluids.
- ◆ Abrasion resistance: can be used as a self lubricating bearing, piston rings, seal rings, gaskets, valve seats, sliders, and rails etc.
- ◆ Insulation materials: mainly used in the manufacture of various products with high temperature resistance, high-frequency resistance, electrical insulation and arc resistance, such high-frequency cables, moisture-resistant cables, capacitor coils, insulating cover for wire, etc.

Technical Data

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|-------------|-----------------------|--------------------|---|------------------------|
| Temperature | Minimum: | -450°F (-268°C) | Compressibility - ASTM F 36 M | 45% |
| | Maximum Service: | 500°F (260°C) | Recovery - ASTM F 36 M | 14% |
| | Short Term Max.: | 600° F (315° C) | Tensile Strength Across Grain - ASTM F152 | >20 MPa |
| Pressure | Vacuum up to: | 2900 psi (200 bar) | Stress Retention- DIN 52913 | 15 MPa |
| Color | White | | Specific Leakage Rate L- VDI 2440 / TA LUFT | 2.6 X 10 ⁻⁷ |
| pH | 0-14* | | | |
| Density | 1.1 g/cm ³ | | | |



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