



# Starflex 3000

## Material Description

Superior performance Asbestos free calendered material incorporating a blend of special heat resistant fibers, aramid fibers and fillers in a nitrile binder.

## Colour

## Application

Most Appropriate sealing material for seaing oils, solvents, gases, steam, dilute acids and alkalis.

## Temperature

400 C (750 F) (Peak)  
250 C (482F) (Continuous Service)

## Pressure

120 Bar (1,740 psi) (Max Operating Pressure)

## Physical Properties

*For 2mm thickness*

Density (ASTM F 1315)	1.7 to 2 min g/cm <sup>3</sup>
Tensile (ASTM F152)	13 N/mm <sup>2</sup> (min)
Compressibility (ASTM F36J)	10% Min
Recovery (ASTM F36J)	60% Min
Oil Resistance Test ASTM F 146	
ASTM Oil No. 3 (150 deg C, 5 hours)	
Thickness Increase %	10 (max)
Weight Increase %	10 (max)
ASTM Oil Fuel B (RT 5 hours)	
Thickess Increase %	10 (max)
Weight Increase %	10 (max)
Ignition Loss (DIN 52911) %	30 (max)
Gas Leakage DIN 3535/6 ml/min	1
Residual Stress (DIN 52913) MPa	25 Mpa
Dialectric Strength: Sample Conditioning (ASTM D149)	
<ul style="list-style-type: none"> <li>• 3 Hrs at 121C</li> <li>• 96% at 100% Relative Humidity</li> </ul>	<p>140 Volts/ mil</p> <p>26 Volts/ mil</p>
Line Call Out (ASTM F104)	F713999A9B9E99M5T5

## Availability

Size: 60" x 120", 60" x 60"  
Thickness: 1/64" to 1/4"

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