

# FS470 DATA SHEET



## Closed Cell Industrial Foam

### Typical Physical Properties

Colour:	Black	
Thickness / Hardness :	1.6,3.2, 4.8, 6.4, 9.5, 12.7,16mm	
Specification:	SCE-42	ASTM D-1056-68/98
Density:	6.9 pcf	ASTM D-1056
Tensile:	75 psi (min)	ASTM D-412
Elongation :	125% maximum	ASTM B-1056
25% Compression Set (50%)	5-9 psi	ASTM D-1056
CD Heat Aging (/days @ 70°C)	-/+ 30% Max. change	
Temperature Range:	-40°C to 93°C	
Flammability:	FMVSS 302 and UL 94	
Water Absorption:	10 weight%(max)	ASTM D-1056
Thermal Conductivity:	ASTM C-177	

*Excellent resistance to fungi and oxidation.  
Parameter values are not guaranteed and will differ from lot to lot.*

Provided with skin on both sides and has black compounds which increases physical properties. Also uses new improved acrylic adhesive

### Application Guide

Surfaces should be clean before applying. Avoid touching adhesive surface before application. Press firmly to ensure good adhesion

### Typical Applications

Automotive gaskets and seals, architectural applications, insulation, weather stripping, marine construction (hatches), truck cabs, switchboards, inspection hatches, body seals and high movement closure applications.

### Storage

Material should be stored at 21°C at 50% relative humidity

**Disclaimer** All figures shown above represent typical test results in laboratory conditions, and are given without guarantee since the conditions of use are beyond the control of our company. It is the customer's responsibility to satisfy themselves that the product is fit for the purpose for which they intend to use it and that the actual conditions of use are suitable.

**FS470**  
Is a closed cell industrial foam made of a blend of PVC nitrile and neoprene with aggressive acrylic adhesive

Maintains a water tight seal at a minimum of 25% compression

Good resistance to weathering, aging, fungi and most chemicals and ultra violet light.

Remains flexible at a wide range of operating temperatures.

Dimensionally stable. Will not ooze, run or drip.

Easily removable liner minimises stretching during installation.

Good temperature resistance

Range of thicknesses.

### Limited Warranty

For a period of six months from the date of first sale, FOAM Sealant Pty Ltd warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving to be defective, or at our option, to refund the purchase price thereof.

The user assumes all other risk if any, including the risk of injury, loss or damage, direct or consequential arising out the use, misuse or inability to use this product. This warranty is in lieu of the warranties of merchantability, fitness for particular purpose and all other warranties expressed or implied. No deviation is authorised.

**FOAM Sealant Pty Ltd**  
ACN 068 983 755 ABN 83 197 550 989  
48-52 Micro Circuit Dandenong South 3175 Victoria  
Telephone (03) 9702 9989 Facsimile (03) 9799 6304  
Email sales@foamsealant.com.au