

# INTUMET™ FS1001 SOFT PUFF™ INTUMESCENT

## Technical Data Sheet



### Product Description:

INTUMET™ FS1001 is rubber matrix material beings intumescenting at relatively low temperatures where organic materials begin to emit combustibile and noxious gases. It expands gradually with moderate force and has sufficient reservoir capacity to continue intumescenting. INTUMET™ FS1001 is fibres and halogens free.

### Test Certificate:

UL listed. Certificate Numer 061000-R18465  
Standard for Safety : UL10C - Standard for Positive Pressure Fire Test of Door Assemblies  
UBC7-2 (1997) - Fire test of Door Assemblies

### Physical Properties:

Activation Temperature.....	350°F (176°C)
Expansion Volume.....	6-8 X
Expansion Pressure.....	27 PSI (.0187 N/mm <sup>2</sup> )
Multi or controlled directional.....	yes
Stability after expansion.....	Very Good
Char.....	Hard
Flame-resistant.....	yes
Moisture-resistant.....	yes
Chemically inert / paintable.....	yes
Non-carcinogenic.....	yes
Long-life (no deterioration).....	yes
Odor-free.....	yes
Asbestos-free.....	yes
Color-standard.....	Available in red, black, brown, silver, white

### Applications:

INTUMET™ FS1001 is well-suited for applications where explosive expansion would jeopardize the integrity of the fire and smoke seal, yet require a firm char for resistance to external pressure. This material is ideal for glazing.

### Specifications:

INTUMET™ FS1001 is available in various thickness (millimeter or inches) and in any color as special order. Red color available for European specification. Supplied in strips, with self-adhesive tape or aluminum backing.

**STOCK SIZES :** Thickness .062"(1.6mm), .125"(3.2mm), .250"(6.4mm)  
Width .375"(9.5mm), .500"(12.7), .750"(19.1), 1.00"(25.4), 1.50"(38.1), 2.00"(50.8)

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