

Specification Sheet (Superceded) / 01 Intumescent Flexible Graphite



Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Material

A flexible , graphite based intumescent seal. When exposed to fire the intumescent material contained within the thermoplastic cover expands to at least 11 times its original thickness. the microporous layer formed during expansion prevents the passage of flames, smoke or hot gases.

Features

High Flexibility
Resistant to moisture and carbon dioxide
Forms a robust microporous layer

Property	Result	Test Method
Expansion activation temperature	180°C	
Foaming height (30 min @550°C)	At least 11 times initial thickness	
Expansion pressure (at 550°C)	0.48 N/mm ²	
Areal wight	3.10kg/m ³	
Shore A hardness	80 shore	ISO 868

Change Control Date	Change
04/02/2015	Created



The above figures are average values.

We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

