

NG Grafitex™ Graphite Based Intumescent Material



Promat's NG Grafitex™ is a fibre free, medium density graphite based intumescent material that can be easily worked into passive fire stopping systems. The material provides good stability and offers a superb rate of expansion under fire conditions.

Some of the end use products typically made from NG Grafitex™ include fire collars, electrical wall box systems, dampers and expansion strip systems, and many other applications.

General Information

Material Status

Commercial use only.

Appearance

Black mat.

Thicknesses

3, 6, 8, 10, 12, 15 and 18mm.

Custom sizes are available upon request.

Features

- Excellent volumetric expansion
- Excellent expansion pressure properties
- Excellent charring properties
- Made to size sheets

Test Standards

- AS1530.4
- AS4072.1
- BS476.20
- EN1366.3
- UL1479

Applications

- Fire collars
- Electrical junction boxes
- Door seals
- Dampers
- Service wraps
- Expansion strip

Physical Properties

Density _____	920kg/m ³
Volumetric Expansion _____	11.5
Expansion Pressure (Force at 350°C) _____	0.30N/mm ³
Activation Temperature _____	185°C
Softening Temperature _____	90°C
VOC _____	0gm/litre

Promat provides a wide range of systems for compartmentation, fire rated air and cable ducts, structural steel protection, fire stopping and partitions. For assistance with any *proactive fire protection* problems, contact your local distributor.

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