**Product Code: ABN-FS01M**

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| **Product Description**

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| ART-FS01M Intumescent Strip is a newly developed graphite based intumescent fire stopping strip. It expands at lower temperature and forms stronger char quality. In case of fire it expands greatly and rapidly when exposed to a low temperature of approximately 150°C, forming a stronger heat insulating char which effectively closes off the gaps to prevent the penetration of smoke and flame during the fire. It continues to expand at high temperature (>850°C).  This product is good water resistant. |

**Characteristics**

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| Expansion start | approx. 130-150°C |
| Main Body Expansion | approx. 190-300 °C  |
| Free Expansion volume |  Up to 30 fold its original thickness |
| Gross density |  approx.1,25-1,30g/cm³ |
| Pressure |  >0.7-1.3 N/mm2 |
| Colour | Graphite black |

**Applications**ART-FS01M is suitable for a wide range of applications, esp with a requirement of low temperature expansion and high performance of char quality:* Fire door and shutters
* Letter box systems
* Glazing elements, ceilings and floors
* Fire grills and dampers, ducting and fire clamps etc.
* Pipe penetrations and cable transit systems
* Partition walls

**Specifications**

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| ART-FS01M is supplied in flexible rolls with a thickness of 0.55mm, 1.0mm, 1.5mm and 2.0mm, a width of 10mm, 15mm, or 20mm, up to 340mm and 25 meters long. It can also be supplied with a self-adhesive layer and other sizes upon request. |

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