**Product Code: ABN-FS01M**

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| **Product Description**   |  | | --- | | 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**   |  |  | | --- | --- | | 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**   |  | | --- | | 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. | |