Wrap Strip - FiWS

Universal intumescent wrap strip for sealing combustible services

**APPLICATIONS**
- Non metallic service - PVC 14”(355mm)
  - cPVC 8”(203mm)
  - ABS 6” (152mm)
  - FRPP 4”(102mm)
- Insulated service -
  - Steel 10”(254mm)
  - Iron 10”(254mm)
  - Copper 4”(102mm)
  - Glass Fiber 3” - (75mm)
  - AB/PVC Flexible Foam 1”(25mm)
- Cable bunches - 3” (76mm)

**ADVANTAGES**
- Efficient and effective for sealing of pipe openings in floors and walls.
- Easy to fit
- Moisture resistant
- Freeze Thaw Characteristics
- No mechanical fixing required
- Economical solution
- Up to 4 hours fire resistance

**DESCRIPTION**
- fischer intumescent Wrap Strip - FiWS is a flexible, intumescent graphite based synthetic compound strip which has been designed to be installed around non metallic pipes, conduits, trunking and cabling in both vertical and horizontal applications.
- Tested in accordance with ASTM E 84 (UL723) & ASTM E 814 (UL1479) the fischer FiWS can provide up to 4 hours fire resistance on a wide range of applications. The FiWS is asbestos and halogen free, and is unaffected by oil, fungus or vermin.
- FiWS has been developed as a PRE or cast -in firestop solution, and has been designed to work with the fischer Universal Collar for retro fitting or surface mounted applications.
- For large openings the FiWS can be used in conjunction with the fischer Fire Stop Compound - FFSC.

**INSTALLATION**
*Note: Firestop material must be installed in accordance with detailed instruction or the approved system:
1. Clean all contact surfaces so they are free from loose debris and contaminants. Ensure services are sufficiently supported as per approved system or local building codes.
2. Choose the correct size of FiWS in accordance with the pipe diameter.
3. Wrap FiWS around the pipe and fix it tightly by using integral self-adhesive strip or additional tape if required.
4. Push FiWS in position so that the wrap is at mid depth of the aperture. Two wraps should be used if the wall thickness exceeds 150mm.
5. Check the annular space and backfill with fischer Intumescent Acoustic Mastic - FiAM or fischer Fire Stop Compound - FFSC as per detailed instruction or approved system.
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
<th>Dimensions of wrap strip mm [Inch]</th>
<th>Qty. Per Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>FiWS - 1</td>
<td>530876</td>
<td>25mm x 6mm x 3.66m [1˝x 1/4˝ x 12˝]</td>
<td>1</td>
</tr>
<tr>
<td>FiWS - 2</td>
<td>530877</td>
<td>50mm x 6mm x 3.66m [2˝x 1/4˝ x 12˝]</td>
<td>1</td>
</tr>
<tr>
<td>Universal Collar</td>
<td>524765</td>
<td>25mm x 16m [1˝x 50ft]</td>
<td>1</td>
</tr>
<tr>
<td>Universal collar 2</td>
<td>536053</td>
<td>50mm x 15m [2˝x 50ft]</td>
<td>1</td>
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</table>

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>State</th>
<th>Colour</th>
<th>Odour</th>
<th>Density</th>
<th>Expansion ratio</th>
<th>Significant expansion occurs at temperature</th>
<th>Application temperature</th>
<th>Available sizes</th>
<th>Flame spread (ASTM E 84 - UL723)</th>
<th>Smoke index (ASTM E 84 - UL723)</th>
<th>Shelf-life</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>Black</td>
<td>Odourless</td>
<td>1.3 kg/m³</td>
<td>1 : 40</td>
<td>&gt; 190°C</td>
<td>-40°C to 130°C</td>
<td>max. &lt;355mm [14&quot;]</td>
<td>5</td>
<td>5</td>
<td>5 years</td>
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</tbody>
</table>

**APPLICATION DATA**

The following dimensions must be observed when using fischer FiWS

**Application Guide**

<table>
<thead>
<tr>
<th>FiWS 1 &amp; 2 Typical configuration</th>
<th>Typical Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Both sides of the wall</td>
</tr>
<tr>
<td></td>
<td>Bottom of floor</td>
</tr>
</tbody>
</table>

**ADDITIONAL INFORMATION**

Note: Please refer to MSDS for further information

**Recommendations**

1. Can be used in conjunction with:
   - fischer UFS Universal Firestopping Sealant
   - fischer FFSC FireStop Compound

**Storage**

1. Store indoors in a dry area above the ground
2. Store away from heat sources