ROUNDIT® 2000 FR
Flame Retardant Polyester
Self Wrap-around sleeving

Abrasión and Mechanical Protection
Roundit® 2000FR is a wrap-around sleeving manufactured from flame-retardant polyester monofilaments and multifilaments, designed for mechanical protection and maintenance of wire and cable bundles. Its construction with 100% covering ratio provides excellent cut-through and abrasion resistance.

The self-wrapping feature of Roundit® 2000FR allows for quick and easy installation and removal of the product for assembly and maintenance applications. Roundit® 2000FR may be applied or removed without any manipulation of connectors or fittings and offers an innovative solution in areas where breakouts are required.

Its wrappable construction allows stocking of a limited range of sizes to cover a wide range of diameters. The ‘Roundit®-Tool’, a special assembly tool, is also available to ease installation.

Roundit® 2000FR has many applications in the aerospace, motorsport, marine, defence, railway, electronics and manufacturing industries.

For installation it is recommended to maintain a minimum of 25% overlap at all times.

Features & Benefits
• Excellent abrasion resistance
• Flame retardant
• Zero halogen
• Self wrapping design
• Easy to apply and remove
• Ideal for retro-fit and maintenance without having to disconnect components
• Lightweight construction
• Aesthetic solution

Operating Temperature
• From -50°C to +150°C

Specifications & Approvals
• NF16101/16102
• EN 45545-2

Notes
Maximum application size is determined by wrapping product around a mandrel of a given size to obtain 90° of overlap (average value).

For further information on this or other products in our range, or for assistance with your specific requirements, please contact us.

All numeric data shows average or typical values.

Application Tool
A professional aluminium assembly tool ‘ROUNDIT-TOOL’ is available for sizes 5, 8, 13 and 19mm, see table. Please note that a basic red plastic tool used for demonstration is also available free of charge on request.
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Properties

<table>
<thead>
<tr>
<th>Test</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filament Melt Temperature</td>
<td>+250°C</td>
</tr>
<tr>
<td>Oxygen Index</td>
<td>IO 31.75%</td>
</tr>
<tr>
<td>Dynamic Cut Through</td>
<td>Pass</td>
</tr>
<tr>
<td>Abrasion Resistance</td>
<td>Pass</td>
</tr>
<tr>
<td>Fluid resistance</td>
<td>No visible degradation or alteration after being exposed</td>
</tr>
</tbody>
</table>

Fire / Smoke / Toxicity

- Hydraulic fluids: NATO.0.156
- EN 6059-303 Immersion for 24hrs at +70°C
- NF 16 101 & NF 16 102
- DB DIN 5510 § 2 & 54 837
- UNI CEI 20-38
- ASTM E 662 - ASTM E 162
- EN 45545-2
- NF F 63-808
- BS G212

Application Range

<table>
<thead>
<tr>
<th>Min Ø mm</th>
<th>Max Ø mm</th>
<th>g/m</th>
<th>Spools (m)</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>9</td>
<td>150m</td>
<td>Roundit-2000FR-5mm-Black</td>
</tr>
<tr>
<td>5</td>
<td>8</td>
<td>12</td>
<td>100m</td>
<td>Roundit-2000FR-8mm-Black</td>
</tr>
<tr>
<td>8</td>
<td>13</td>
<td>18</td>
<td>50m</td>
<td>Roundit-2000FR-13mm-Black</td>
</tr>
<tr>
<td>13</td>
<td>19</td>
<td>25</td>
<td>25m</td>
<td>Roundit-2000FR-19mm-Black</td>
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<tr>
<td>19</td>
<td>25</td>
<td>36</td>
<td>25m</td>
<td>Roundit-2000FR-25mm-Black</td>
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<tr>
<td>25</td>
<td>29</td>
<td>37</td>
<td>25m</td>
<td>Roundit-2000FR-29mm-Black</td>
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<tr>
<td>29</td>
<td>32</td>
<td>43</td>
<td>25m</td>
<td>Roundit-2000FR-32mm-Black</td>
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<tr>
<td>32</td>
<td>38</td>
<td>54</td>
<td>25m</td>
<td>Roundit-2000FR-38mm-Black</td>
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<tr>
<td>38</td>
<td>50</td>
<td>75</td>
<td>25m</td>
<td>Roundit-2000FR-50mm-Black**</td>
</tr>
</tbody>
</table>

** Size 50 is made of two sizes 25 sewn together.

Application Tool

- 5 Single end
- 8 Single end
- 13 Single end
- 5, 8 and 13, 19 Double ended

Part Number Example; Roundit-2000FR-13mm-Black
13mm inside diameter, black sleeving, supplied in 50m spools as standard.

Ordering Information

<table>
<thead>
<tr>
<th>Standard Colour</th>
<th>0 = Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard packaging</td>
<td>Spools only, for MOQ please contact us</td>
</tr>
</tbody>
</table>

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