FULL RANGE OF IMPACT RESISTANT AND EASY TO CLEAN PVC COVERINGS

- Long product lifetime
- Extensive range with tailor-made bends, t-pieces and tape
- Impact resistant hard PVC foil with fire protection properties
- Manufactured without the use of silicone / unplasticised
- Tensile impact strength: ≥ 400 kJ/m²
## OVERVIEW TWO-PIECE (WELDED) ELBOWS

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</table>
OKAPAK 90° TWO-PIECE BENDS

Two piece bends with welded back for additional strength and a perfect fit. Suitable for different application areas, depending on pipe radius and type:

**Okapak S bends:** Bends for standard S shaped seamless steel pipe according to EN 10253-1, type 3 (1.5d) with insulation ≤ 100 mm.

**Okapak W bends:** Bends for standard W shaped angled tempered cast fittings according to EN 10242, A1, A4 with insulation ≤ 50 mm.

**Okapak D bends:** Bends for D shaped short tempered cast fittings according to EN 10242, D1, D4 with insulation ≤ 60 mm.

**Okapak G bends:** Bends for G shaped long tempered cast fittings according to EN 10242, G1, G4, G8 with insulation ≤ 50 mm.

**Okapak SML:** Bends for application of cast iron pipes with insulation ≤ 40 mm.

OKAPAK 90° ONE-PIECE BENDS

Suitable for different application areas, depending on pipe radius and type:

**Okapak S bends:** Bends for standard S shaped seamless steel pipe according to EN 10253-1, type 3 (1.5d) with insulation ≤ 100 mm.

**Okapak W bends:** Bends for standard W shaped angled tempered cast fittings according to EN 10242, A1, A4 with insulation ≤ 50 mm.

**Okapak D bends:** Bends for D shaped short tempered cast fittings according to EN 10242, D1, D4 with insulation ≤ 60 mm.

**Okapak G bends:** Bends for G shaped long tempered cast fittings according to EN 10242, G1, G4, G8 with insulation ≤ 50 mm.

**Okapak 5D bends:** Bends for 5D shaped long insulated tempered cast fittings according to DIN2605-1 with insulation ≤ 50 mm.

OKAPAK 45° TWO-PIECE BENDS

Okapak 45°, welded bends with back strengthening perfectly match bends according to DIN 2605, Norm 3 (1.5 d) with insulation ≤ 50 mm.
### Technical Data - Okapak

**Brief description**: Economic PVC jacketing system according to DIN 4140.

**Material type**: Shock resistant hard PVC covering with fire protection properties.  
Surface: semigloss and smooth

**Colour**: Light grey

**Product Range**: Rolls, bends, fitting caps, valve caps, flange caps, front caps, cut-outs and accessories

**Applications**: Covering jacket for insulated pipes (incl. bends, t-sections, fittings and flanges). Provides protection against mechanical impacts.

**Manufacturing**: Calendar sheeting method, extruded; straight vacuum formed.  
Manufactured without cadmium, lead, mercury, silicone, chrome or chrome compounds. Unplasticised

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<td><strong>Temperature Range</strong></td>
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<td>Max. service temperature</td>
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<td><strong>Water vapour diffusion resistance</strong></td>
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<td><strong>Fire performance</strong></td>
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<td>Reaction to fire</td>
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<td>Low flammability (DIN 4102-B2)</td>
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<td><strong>Other technical features</strong></td>
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<td>Density</td>
<td>Okapak 1.40 ± 0.02 g/cm³</td>
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<td>Biological / chemical behaviour</td>
<td>Ageing resistance: good. Stability against typical building materials: very good. Against chemicals: see separate list.</td>
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<td>Tensile impact strength</td>
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<td>Health aspects</td>
<td>No adverse effects. Suitable for use in food processing plants. Odourless.</td>
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*Further documents such as test certificates and approvals can be requested using the registration number given.*

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All statements and technical information are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the information is appropriate for the specific use intended.
### Okapak bends, 90°, two-pieces (welded)

#### Pipe max. Outside-Ø [mm]

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● Not a stock item. Delivery on request.

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<td>PB6030</td>
<td>160</td>
</tr>
<tr>
<td>100</td>
<td>PB7640</td>
<td>60</td>
</tr>
<tr>
<td>125</td>
<td>PB8950</td>
<td>40</td>
</tr>
<tr>
<td>125</td>
<td>PBW11450</td>
<td>40</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nominal width DN</th>
<th>40 mm insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Code</td>
</tr>
<tr>
<td>40</td>
<td>PBW4840</td>
</tr>
<tr>
<td>50</td>
<td>PB6040</td>
</tr>
<tr>
<td>70</td>
<td>PB6050</td>
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<tr>
<td>100</td>
<td>PBW11440</td>
</tr>
<tr>
<td>125</td>
<td>PBW11450</td>
</tr>
<tr>
<td>150</td>
<td>PBS8980 ▲</td>
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</table>

▲ Segment-similar form

Okapak bends, 45°, welded

<table>
<thead>
<tr>
<th>Pipe max. Outside-Ø [mm]</th>
<th>20 mm insulation</th>
<th>25 mm insulation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Code</td>
<td>Pieces/carton</td>
</tr>
<tr>
<td>21</td>
<td>PB452120 ▲</td>
<td>400</td>
</tr>
<tr>
<td>27</td>
<td>PB452720 ▲</td>
<td>300</td>
</tr>
<tr>
<td>33</td>
<td>PB453320 ▲</td>
<td>260</td>
</tr>
<tr>
<td>42</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>44</td>
<td>-</td>
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</tr>
<tr>
<td>48</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>60</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
Okapak bends, 45°, welded

<table>
<thead>
<tr>
<th>Pipe max. Outside-Ø [mm]</th>
<th>30 mm insulation</th>
<th>Code</th>
<th>Pieces/carton</th>
<th>40 mm insulation</th>
<th>Code</th>
<th>Pieces/carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
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<td>250</td>
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<td>-</td>
<td></td>
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<tr>
<td>33</td>
<td>PB454230</td>
<td>160</td>
<td></td>
<td>PB453340</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>PB454230</td>
<td>160</td>
<td></td>
<td></td>
<td>-</td>
<td></td>
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<tr>
<td>48</td>
<td></td>
<td></td>
<td></td>
<td>PB454840</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>PB456030</td>
<td>160</td>
<td></td>
<td>PB456040</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>76</td>
<td>PB457630</td>
<td>140</td>
<td></td>
<td>PB457640</td>
<td>120</td>
<td></td>
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<tr>
<td>89</td>
<td>PB458930</td>
<td>140</td>
<td></td>
<td>PB458940</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pipe max. Outside-Ø [mm]</th>
<th>50 mm insulation</th>
<th>Code</th>
<th>Pieces/carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>PB456050</td>
<td>140</td>
<td></td>
</tr>
<tr>
<td>76</td>
<td>PB457650</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>83</td>
<td>PB8950</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>89</td>
<td>PB458950</td>
<td>100</td>
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</tr>
<tr>
<td>127</td>
<td>PBS13350</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>

● Not a stock item. Delivery on request.

Okapak t-pieces

<table>
<thead>
<tr>
<th>Pipe diameter main section [mm]</th>
<th>Pipe diameter Junction [mm]</th>
<th>Code</th>
<th>Pcs./collar</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>21</td>
<td>PBA2721</td>
<td>10</td>
</tr>
<tr>
<td>33</td>
<td>21</td>
<td>PBA3321</td>
<td>10</td>
</tr>
<tr>
<td>33</td>
<td>27</td>
<td>PBA3327</td>
<td>10</td>
</tr>
<tr>
<td>33</td>
<td>33</td>
<td>PBA3333</td>
<td>10</td>
</tr>
<tr>
<td>42</td>
<td>21</td>
<td>PBA4221</td>
<td>10</td>
</tr>
<tr>
<td>42</td>
<td>27</td>
<td>PBA4227</td>
<td>10</td>
</tr>
<tr>
<td>42</td>
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<td>PBA4233</td>
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<td>48</td>
<td>27</td>
<td>PBA4527</td>
<td>10</td>
</tr>
<tr>
<td>48</td>
<td>33</td>
<td>PBA4533</td>
<td>10</td>
</tr>
<tr>
<td>48</td>
<td>42</td>
<td>PBA4542</td>
<td>10</td>
</tr>
<tr>
<td>60</td>
<td>27</td>
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<tr>
<td>60</td>
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<td>10</td>
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<tr>
<td>60</td>
<td>48</td>
<td>PBA6048</td>
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</table>

Remark: Delivery ex stock 1-2 workdays from receipt of order.

● Not a stock item. Delivery on request.

Okapak valve caps

<table>
<thead>
<tr>
<th>Diameter [mm]</th>
<th>Length [mm]</th>
<th>Without insulation layer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Code</td>
<td>Pieces/carton</td>
</tr>
<tr>
<td>90</td>
<td>PVK1</td>
<td>25</td>
</tr>
<tr>
<td>120</td>
<td>PVK2</td>
<td>25</td>
</tr>
<tr>
<td>155</td>
<td>PVK3</td>
<td>25</td>
</tr>
</tbody>
</table>

● Not a stock item. Delivery on request.
Okapak flange caps

type: without insulation, with integrated pressure closure

<table>
<thead>
<tr>
<th>Diameter [mm]</th>
<th>Length [mm]</th>
<th>Without insulation layer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Code</td>
</tr>
<tr>
<td>150</td>
<td>145</td>
<td>PFK15●</td>
</tr>
<tr>
<td>160</td>
<td>150</td>
<td>PFK20●</td>
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<tr>
<td>180</td>
<td>150</td>
<td>PFK25●</td>
</tr>
<tr>
<td>190</td>
<td>155</td>
<td>PFK32●</td>
</tr>
<tr>
<td>200</td>
<td>155</td>
<td>PFK40●</td>
</tr>
<tr>
<td>220</td>
<td>155</td>
<td>PFK50●</td>
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<tr>
<td>250</td>
<td>165</td>
<td>PFK65●</td>
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<td>270</td>
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<tr>
<td>345</td>
<td>170</td>
<td>PFK125●</td>
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</tbody>
</table>

● Not a stock item. Delivery on request.

Okapak rosette endcapping

Length 5.0 m, Material: aluminium AL99.5, smooth surface

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>20.0</td>
<td>PEMBG18B●</td>
<td>10</td>
<td>18</td>
<td>20.0</td>
<td>PEMBA18B●</td>
<td>10</td>
</tr>
<tr>
<td>28</td>
<td>30.0</td>
<td>PEMBG28B●</td>
<td>10</td>
<td>28</td>
<td>30.0</td>
<td>PEMBA28B●</td>
<td>10</td>
</tr>
<tr>
<td>38</td>
<td>40.0</td>
<td>PEMBG38B●</td>
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<td>38</td>
<td>40.0</td>
<td>PEMBA38B●</td>
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<tr>
<td>48</td>
<td>50.0</td>
<td>PEMBG48B●</td>
<td>10</td>
<td>48</td>
<td>50.0</td>
<td>PEMBA48B●</td>
<td>10</td>
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<tr>
<td>58</td>
<td>60.0</td>
<td>PEMBG58B●</td>
<td>10</td>
<td>58</td>
<td>60.0</td>
<td>PEMBA58B●</td>
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</tbody>
</table>

● Not a stock item. Delivery on request.

Okapak rivets

Colour White or grey, Type: rivets

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Pieces/bag</th>
<th>Pieces/carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMNW</td>
<td>rivet, white</td>
<td>1000</td>
<td>50000</td>
</tr>
<tr>
<td>PMNG</td>
<td>rivet, grey</td>
<td>1000</td>
<td>50000</td>
</tr>
</tbody>
</table>

● Not a stock item. Delivery on request.

Okapak riveting tools

Type: riveting tools

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Pieces/bag</th>
<th>Pieces/carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMNWG</td>
<td>riveting tool, straight</td>
<td>10</td>
<td>100</td>
</tr>
<tr>
<td>PMNWV</td>
<td>riveting tool, angular</td>
<td>10</td>
<td>100</td>
</tr>
</tbody>
</table>

● Not a stock item. Delivery on request.
### Okapak foils cut-outs

Width 1,000.0 mm, material: PVC-foil cut-outs SE DIN 4102-B1 available with 20% surcharge. Material thickness: 0.35 MM

<table>
<thead>
<tr>
<th>PZA - with strong latch effect</th>
<th>PZB - with self-seal cap and strong latch effect</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>max. total outer diameter with 30 mm overlapping</strong></td>
<td><strong>Cut-out length</strong></td>
</tr>
<tr>
<td>60</td>
<td>220</td>
</tr>
<tr>
<td>65</td>
<td>240</td>
</tr>
<tr>
<td>70</td>
<td>260</td>
</tr>
<tr>
<td>82</td>
<td>290</td>
</tr>
<tr>
<td>89</td>
<td>310</td>
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<td>95</td>
<td>330</td>
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<td>100</td>
<td>350</td>
</tr>
<tr>
<td>105</td>
<td>360</td>
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</tr>
<tr>
<td>124</td>
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<td>-</td>
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<tr>
<td>150</td>
<td>500</td>
</tr>
<tr>
<td>165</td>
<td>550</td>
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<tr>
<td>229</td>
<td>750</td>
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</tr>
</tbody>
</table>

**Remark**

Delivery ex stock 1-2 workdays from receipt of order.

Other cuts-outs and carton content units available on request.

● Not a stock item. Delivery on request.

### Okapak self-adhesive tapes

Length 25.0 m, Colour Light grey, type: plastic tape

<table>
<thead>
<tr>
<th>Code</th>
<th>Width [mm]</th>
<th>Length [m]</th>
<th>Thickness [mm]</th>
<th>Rolls/carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSKB19 ●</td>
<td>19.0</td>
<td>25</td>
<td>0.35</td>
<td>32</td>
</tr>
<tr>
<td>PSKB25 ●</td>
<td>25.0</td>
<td>25</td>
<td>0.35</td>
<td>24</td>
</tr>
<tr>
<td>PSKB30 ●</td>
<td>30.0</td>
<td>25</td>
<td>0.35</td>
<td>20</td>
</tr>
</tbody>
</table>

● Not a stock item. Delivery on request.