rotec® Premium Sleeve

High-quality sleeve with superior dimensional stability, especially developed for low tolerance applications and special quality requirements

Available wall thicknesses from 10 mm to 125 mm
Special sizes available on request

Product advantages

• Highest dimensional stability for excellent results
  ▫ Long-lasting and consistent register accuracy
  ▫ Permanently identical printing properties
  ▫ Constant parallelism of the sleeve

• Proven to provide lowest tolerances
  ▫ Constant outer diameter at fluctuating temperatures or high air humidity
  ▫ High precision grinding for tight runout tolerance (TIR ≤ 0.02 mm, measured on carrier cylinder at TIR ≤ 0.005 mm)
  ▫ Face length according to DIN ISO 2768 T1 c

• Meets all requirements of high quality printing
  ▫ Perfect for high printing speeds
  ▫ High wall thicknesses and sleeve lengths available

• Easy and reliable handling
  ▫ Long-lasting continuous mounting characteristics
  ▫ Easy adhesive tape dismounting
  ▫ Generally scratch and solvent resistant, if handled correctly (see rotec® User’s Advice)

Premium upgrades

□ rotec® $\Omega$-surface technology*
  provides full surface conductivity, guaranteed for 10 years

□ rotec® Register Ring
  stainless steel register ring for lasting protection of sleeve base and register notch

□ rotec® End Seal
  protects both sleeve ends with premium PU layer from damage, solvent, moisture etc.

Manufactured in Germany
Available premium upgrades

- rotec® Ω-surface technology
- rotec® Register Ring
- rotec® End Seal

Product specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Runout tolerance</td>
<td>TIR ≤ 0.02 mm (measured on carrier cylinder at TIR ≤ 0.005 mm)</td>
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<tr>
<td>Diameter tolerance</td>
<td>± 0.02 mm</td>
</tr>
<tr>
<td>Face-length tolerance</td>
<td>according to DIN ISO 2768 T1 c</td>
</tr>
<tr>
<td>Wall thicknesses</td>
<td>from 10 mm to 100 mm special sizes available on request</td>
</tr>
<tr>
<td>Repeat length increases</td>
<td>up to 600 mm</td>
</tr>
<tr>
<td>Lengths</td>
<td>standard: up to 2400 mm special sizes: up to 3700 mm</td>
</tr>
<tr>
<td>Diameters</td>
<td>nearly all diameters</td>
</tr>
<tr>
<td>Material</td>
<td>extremely durable polyurethane surface (75 Shore D) proven rotec® interior design of synthetic resin and fibre compound</td>
</tr>
<tr>
<td>Adapters</td>
<td>can be combined with various types of adapters</td>
</tr>
<tr>
<td>Notch</td>
<td>available with metal-reinforced notch</td>
</tr>
<tr>
<td>Printing plates</td>
<td>suitable for all plate thicknesses</td>
</tr>
<tr>
<td>Adhesive tapes</td>
<td>suitable for all compressible tape types and thicknesses</td>
</tr>
<tr>
<td>Handling</td>
<td>generally scratch and solvent resistant (if handled correctly – see rotec® User’s Advice)</td>
</tr>
</tbody>
</table>

* The regulations of ATEX 95 concerning electrostatic derivation ability are fulfilled.

You are welcome to contact us for further information.

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