SHADE ROLLERS | FABRIC ROLL-UP COVERS

Dynatect shade rollers covers consist of coated or uncoated textile material attached to an industrial spring roller. Metal housing can be added to protect the roll-up mechanism. Shade rollers are a simple and cost-effective solution for involuntary contact with machine components and protection against UV light or occasional liquid and debris.

Ideal for Applications Where:
• There is little room for other protective cover options
• Simple mounting and retrofitting are required
• Cost and delivery time are important factors
• High speed and acceleration are needed
• The complete seal of a bellows is not required

Common Shade Materials:
• Neoprene/Nylon
• Goralon® CSM/Nylon
• Goralon/Polyester
• Buna/Nylon
• Butyl/Nylon
• Polyurethane-Ester-Laminated Polyester Fabric
• PVC/Polyester
• Silicone/Fiberglass
• Aluminized Fiberglass
• Aluminized Kevlar®
• PTFE/Kevlar®
• PTFE/Fiberglass
• PTFE Film
• Polyvinyl Acetate (PVA) Coated Polyester
• M16/2 (Polyurethane/Polyester)
• Food grade and other specialty materials

1 Shade rollers are available with mounting brackets, or with a protective canister with mounting surface in desired orientation.
2 Standard and specialty spring roller designs to handle high speeds up to 66 inches per second.
3 Optional brush or scraper to clean the shade as it retracts to protect the roll-up hardware.
4 End of the shade is fixed to the machine with customer’s choice of bracket configuration.
5 Wide variety of standard and specialty materials available to suit the application.

Key Shade Dimensions and Extended Length:

What is the maximum extended length required?
What is the maximum roll diameter for the take-up mechanism?

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**Shade Orientation:** Specify location (above/below) relative to protected surface or way. Indicate exposure side of shade.

Refer to "Top" or "Front" and opposite to indicate side exposed to contaminant. This depends on the shade orientation to the work surface, and whether the shade is protecting or containing debris.

**Canister Mounting Options (horizontal orientation shown):** Select one or send drawing for other type of mounting.

**Shade Mounting Bracket Type and Orientation to Exposure Side of Shade:**

**TYPICAL SHADE ROLLER DIMENSIONS**

<table>
<thead>
<tr>
<th>Roller DIA.</th>
<th>Shaft Diameter</th>
<th>Roller Size:</th>
<th>Keyed End, See Below</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; &amp; 1.5&quot;</td>
<td>0.375&quot; to 1.625&quot;</td>
<td>1.00&quot; Dia.</td>
<td>0.563&quot;</td>
</tr>
<tr>
<td>2&quot;</td>
<td>0.375&quot; to 1.625&quot;</td>
<td>1.50&quot; Dia.</td>
<td>0.500&quot;</td>
</tr>
<tr>
<td>2.5&quot;</td>
<td>0.375&quot; to 1.625&quot;</td>
<td>2.00&quot; Dia.</td>
<td>0.438&quot;</td>
</tr>
<tr>
<td>3&quot;</td>
<td>0.375&quot; to 1.625&quot;</td>
<td>3.00&quot; Dia.</td>
<td>0.438&quot;</td>
</tr>
</tbody>
</table>

Note: Shade Width is Typically 0.50" less than Roller Length.

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Phone: 262-786-1500 or 800-298-2066 | Fax: 262-786-3280 | Email: sales@dynatect.com | www.dynatect.com