FIBER TUBE LASER

Process both custom and open shapes up to a 9” diameter.

Inbound/outbound part length: 8.5m/27ft

Streamlined for speed and precision.

No saw shavings or chips creating a cleaner cut and process.

A tilt head of 45 degrees achieves accuracy with a true miter cut.

Ability to custom serialize parts.

www.voestalpine.com/rfc
voestalpine Roll Forming Corporation
FIBER TUBE LASER

WATCH A VIDEO OF THE TUBE LASER IN ACTION

Tube Section Size Capability

Round

» Diameter: 12mm to 240mm (0.4” – 9.4”)

Square

» Maximum Inscribed Circle: 280mm (11.0”)
» Side Dimension: 12mm to 200mm (0.4” – 7.8”)*

Rectangular and Flat Oval

» Maximum Inscribed Circle: 280mm (11.023”)
» Width/Height Dimension: 20mm to 200mm (0.7” – 7.8”)*
» Minimum Difference Between Sides: 5mm (0.1”)*
» Maximum Difference Between Sides: 152.4mm (6.0”)*

Open Shapes, Special Shapes and Flat Section:

» Consult your Sales Rep or RFC.Sales@voestalpine.com

Standard Material Types

» Mild Steel, Stainless Steel, Aluminum, Copper (Fiber Only) and Brass (Fiber Only)
» Consult your Sales Rep or RFC.Sales@voestalpine.com for materials not listed

Tube Lengths

» Minimum Length for Automatic Loading: 2500mm (8.2’)
» Maximum Length for Automatic Loading: 8500mm (27.8’)
» Maximum Length for Manual Loading: 8500mm (27.8’)

LT8.10 Fiber Thickness Capacities

<table>
<thead>
<tr>
<th>CUT STYLE</th>
<th>MILD STEEL OXYGEN</th>
<th>STAINLESS STEEL NITROGEN</th>
<th>MILD STEEL NITROGEN</th>
<th>ALUMINUM</th>
<th>BRASS</th>
<th>COPPER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2D</td>
<td>0.472” (12mm)</td>
<td>.236” (6mm)</td>
<td>.197” (5mm)</td>
<td>.236” (6mm)</td>
<td>.236” (6mm)</td>
<td>.157” (4mm)</td>
</tr>
<tr>
<td>3D @ 30°</td>
<td>0.394” (10mm)</td>
<td>.157” (4mm)</td>
<td>.157” (4mm)</td>
<td>.197” (5mm)</td>
<td>.197” (5mm)</td>
<td>.118” (3mm)</td>
</tr>
<tr>
<td>3D @ 45°</td>
<td>0.315” (8mm)</td>
<td>.118” (3mm)</td>
<td>.118” (3mm)</td>
<td>.118” (3mm)</td>
<td>.118” (3mm)</td>
<td>.080” (2mm)</td>
</tr>
</tbody>
</table>

*Maximum dimensions & differences between sides and subject to Maximum Inscribed Circle & section radius

www.voestalpine.com/rfc
voestalpine Roll Forming Corporation