Megadyne have developed a new timing belt RPP8 designed for conveyor and transfer lines, specifically for painting systems.

Belts are silicon free and do not contain contaminants, as requested for water or solvent based paints; the purity of materials and the absence of polluting particles guarantee painted surfaces always perfect and without any defect.

**Structure**

- Fiberglass cords with high elastic module and a special surface treatment [2];
- Belt body [4] and back [1] made of NBR based compound with an high purity degree and without contaminating agents;
- Fabric on teeth [3] with high wearing resistance, with a nitrilic based treatment to protect the external surface.

**Properties**

- Silicon free and without surface impurities and contaminants, according to car manufacturers’ standard and test made by Forschungsinstitut für Pigmente und Lacke e.V. of the Stuttgart University;
- High resistance to ozone and adequate resistance to lubricating oils;
- Working temperatures from -20°C up to 100°C;
- No need at all for maintenance and lubrication;
- Performances equivalent to RPP SILVER;
- Complete interchangeability on RPP and HTD pulleys pitch 8M.

**Range**

- MegaPaint are available in the whole RPP8 range, on demand with a minimum order quantity;
- Belts are delivered in a special protecting package in order to guarantee a complete surface purity from the manufacturing to the installation.
Belt Performances

PITC H AND LENGTH DESIGNATION

<table>
<thead>
<tr>
<th>Belt Type</th>
<th>Pitch</th>
<th>( \beta )</th>
<th>( S )</th>
<th>( h_s )</th>
<th>( h_t )</th>
<th>( r_r )</th>
<th>( a )</th>
</tr>
</thead>
<tbody>
<tr>
<td>8M</td>
<td>8mm</td>
<td>32°</td>
<td>5,5mm</td>
<td>5,4mm</td>
<td>3,2mm</td>
<td>1,00mm</td>
<td>0,666mm</td>
</tr>
</tbody>
</table>

PITCH AND LENGTH DESIGNATION FOR PNT8M 20mm WIDE [kW]

For belt and transmission calculation, see "RFP SILVER calculation handbook"
The data and information contained in the present catalogue are up-to-dated to the date of the catalogue's printing. Megadyne Spa reserves the right to modify the specifications, performances and other information relating to the belts described in the present catalogue, at any time at its own discretion, without any prior notice. For updating refer to our web site www.megadynegroup.com.

Technical specifications, performances and other information provided in the present catalogue are indicative and do not bound Megadyne unless such specifications, performances or other information are expressly agreed in the agreement with the customer.

We also recommend to read carefully the following documents in our web site www.megadynegroup.com:
- Megadyne General Conditions of Sale (comprising the warranty)
- Theoretical Belt Life
- Drive Components: Storage, Installation, Maintenance and Troubleshooting Handbook
- Belts standard use condition and temperature.

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