MilliCap® is a ready-to-use, precision-slit textile cap ply manufactured with high performance yarns. MilliCap® delivers substantial cost savings in the tire manufacturing process and improves tire performance.

MilliCap® is introduced directly at the tire building machine, providing excellent green tack towards the belt and under-tread compounds during tire building, along with a high level of adhesion after curing. No calendering is required, so cost and weight are reduced. MilliCap® meets tire manufacturer requirements for strength, modulus, shrinkage force, adhesion and ease of use. MilliCap® products are available for different performance-rated tires.

**MilliCap® Products**

**MilliCap® HM**
Designed for higher performance tires, providing high modulus. Available in multiple constructions.

**Aramid Millicap®**
For ultra-high performance tires. Tuned to provide lift-up during the building process and full Aramid modulus in the finished tire.

**Benefits**
- Applied directly from the package at the tire building machine
- Can utilize existing tire manufacturing process
- Rubber compound savings
- No calendering or slitting
- Waste reduction
- Reduced tire weight
- Improved tire uniformity
- Reduced rolling resistance
- Reduced working capital inventory
**MilliCap® Product Line Information**

![Graph showing 5cm fabric strip resistance vs. Elongation (N) for MilliCap® HM 0624, MilliCap® HM 0625, and Aramid MilliCap® 9919.]

**MilliCap® Product Specification**

<table>
<thead>
<tr>
<th>Product</th>
<th>Fabric Weight</th>
<th>Fabric Gauge</th>
<th>Elongation @ 80daN</th>
<th>Lift Ratio</th>
<th>Standard Width</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>MilliCap® HM 0624</td>
<td>140 g/m²</td>
<td>0.70 mm</td>
<td>4.6% @ 80daN</td>
<td>Not applicable</td>
<td>12.7 mm</td>
<td>For mid-and high-range speed rated tires</td>
</tr>
<tr>
<td>MilliCap® HM 0625</td>
<td>210 g/m²</td>
<td>0.84 mm</td>
<td>3.0% @ 80daN</td>
<td>Not applicable</td>
<td>12.7 mm</td>
<td>For mid-and high-range speed rated tires</td>
</tr>
<tr>
<td>Aramid MilliCap® 9919</td>
<td>220 g/m²</td>
<td>0.87 mm</td>
<td>Adjustable</td>
<td>From 1 to 5%</td>
<td>12.7 mm</td>
<td>For ultra-high performance tires</td>
</tr>
</tbody>
</table>

All information in this leaflet is supplied to the best of our knowledge and as accurately as possible updated to reflect the most recent technological developments. We cannot accept any responsibility for recommendations based solely on this document.