

Milliken®

MilliCap®

Cap Ply Strips

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®

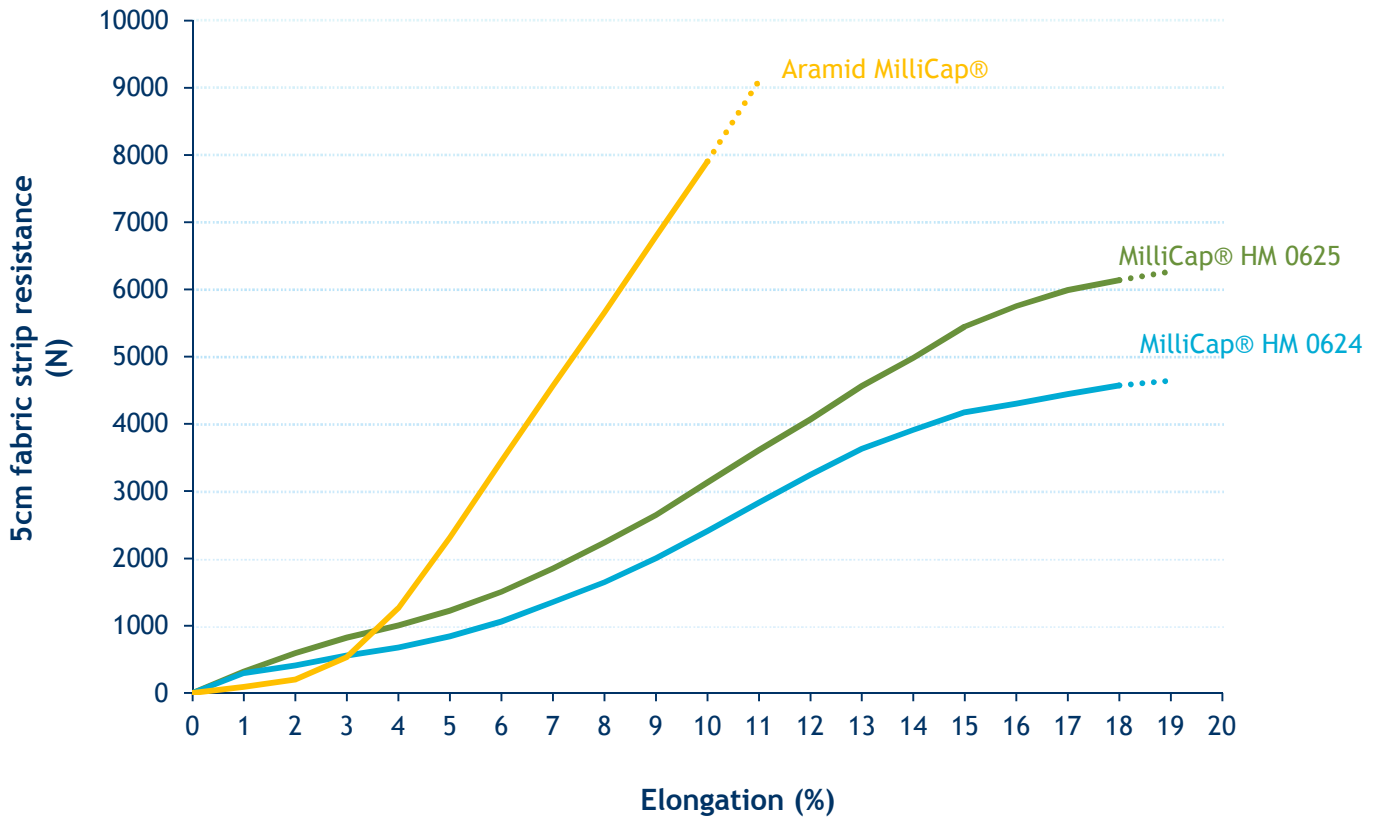
For ultra-high performance tires. Tuned to provide lift-up during the building process and full Aramid modulus in the finished tire.

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

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MilliCap® Product Line Information



MilliCap® Product Specification

	MilliCap® HM 0624 940/2 PA 6.6 Tackified Cap Ply	MilliCap® HM 0625 1400/2 PA 6.6 Tackified Cap Ply	Aramid MilliCap® 9919 1100/2 aramid Tackified Cap Ply
Fabric Weight	140 g/m ²	210 g/m ²	220 g/m ²
Fabric Gauge	0.70 mm	0.84 mm	0.87 mm
Elongation @ 80daN	4.6% @ 80daN	3.0 % @ 80daN	Adjustable
Lift Ratio	Not applicable	Not applicable	From 1 to 5%
Standard Width	12.7 mm	12.7 mm	12.7 mm
Application	For mid-and high- range speed rated tires	For mid-and high- range speed rated tires	For ultra-high performance tires

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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.