



Thanks to its natural rubber base, Alprema, offers excellent mechanical properties at every level; tensile strength, elongation at break, tear propagation resistance, abrasion resistance, etc.

In addition, it has a high flexibility, elasticity and offers a protection against corrosion and reduce the influence of noise and vibration.

RoHS  
COMPLIANT

REACH  
COMPLIANT

## MECHANICAL PROPERTIES

	Examination after	Value
White (cream) natural rubber		Alprema
Density	53526	0.99 ± 0.05g/cm <sup>3</sup>
Hardness	ISO 48-4	38 ± 5 Shore A
Tensile strength	ISO 37	≥ 18 MPa
Elongation at break	ISO 37	~ 700 %
Rebound resilience	BS 903	≥ 70 %
Abrasion resistance	ISO 4649	5N ≤ 80mm <sup>3</sup>
Tear strength angle	ISO 34-1	~ 40 N/mm

## TEMPERATURE

Working temperature	-40/+75°C
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## TEXTURE

One side smooth and one side with cloth impression

## DIMENSIONS — Thickness in mm

3 & 5 (± 0.4)	(2, 4, 6, 10mm will be gradually released in 2025/2026)
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Standard Rolls of 10'000 x 1'400mm (± 3%)

Special sizes and thickness upon request

Alprema is made from high-quality natural rubber compound meeting European regulations (EC) 2023/2006 and FDA (USA Food and Drug Administration) CFR21 177.2600. The material meets the extractive use under the FDA 21 CFR 177.