



Technical Data Sheet

HYSYNAL[®] Synthetic Rubber Sheeting

Formulation: SC-734

Base Polymer: Dry Synthetic Rubber

HYSYNAL Synthetic Rubber Sheeting is a talc-free non-latex sheeting made from synthetic polyisoprene, a polymer known to have similar properties to natural rubber but without the associated natural rubber allergens. Like natural rubber, it offers excellent tensile strength, abrasion resistance and compression set.

This sheeting is formulated for excellent flexibility and resilience making it perfect for applications requiring repeated stretch and recovery.

Typical Physical Properties

Tensile Strength	2300 psi
Ultimate Elongation	670%
100% Modulus	140 psi
300% Modulus	310 psi
500% Modulus	875 psi
Tear Resistance	105 lbf/in
Density	1.18 gm/cm ³
Minimum Continuous use Temperature	-20 to -60 °F
Maximum Continuous use Temperature	180 °F
Durometer	43 +/- 5 Shore A

Other Key Characteristics

Compression Set	Excellent
Abrasion Resistance	Excellent
Weather Resistance	Poor to Fair
Ozone Resistance	Fair
Odor	Fair

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NOTE: These physical properties are considered typical and may vary. Determination of product suitability is the sole responsibility of the user.

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