



# Technical Data Sheet

## HYSYNAL<sup>®</sup> Synthetic Rubber Sheeting

**Formulation:** SC-729

**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	635%
100% Modulus	175 psi
300% Modulus	440 psi
500% Modulus	1250 psi
Tear Resistance	100 lbf/in
Density	1.21 gm/cm <sup>3</sup>
Minimum Continuous use Temperature	-20 to - 60 °F
Maximum Continuous use Temperature	180 °F
Durometer	40 +/- 4 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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