



Technical Data Sheet

HYSYNAL[®] Synthetic Rubber Tubing

Formulation: PC-737

Base Polymer: Dry Synthetic Rubber

HYSYNAL Synthetic Rubber Tubing is non-Latex but formulated to have latex-like properties, such as the ability to pinch and release repeatedly without taking a set. Its flexibility also reduces likelihood of kinking. It offers excellent tensile strength, abrasion resistance, flexibility, resilience (recovery after stretching) and compression set.

Typical Physical Properties	
Tensile Strength	2500 psi
Ultimate Elongation	640%
100% Modulus	120 psi
300% Modulus	270 psi
500% Modulus	820 psi
Tear Resistance	120 lbf/in
Density	1.03 gm/cm ³
Minimum Continuous use Temperature	-20 to -60 °F
Maximum Continuous use Temperature	180 °F
Durometer	48 ± 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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