



# Technical Data Sheet

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

**Formulation:** PC-763

**Base Polymer:** Polyisoprene 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	1300 psi
Ultimate Elongation	425%
100% Modulus	200 psi
300% Modulus	550 psi
500% Modulus	N/A
Tear Resistance	140 lbf/in
Density	1.03 gm/cm <sup>3</sup>
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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