



Technical Data Sheet

Hygenic[®] Extruded Rubber Tubing

Formulation: ET-638

Base Polymer: Dry Natural Rubber

Hygenic Extruded Natural Rubber Tubing is talc free, non-tacky, and has excellent tear resistance. It is a thermoset rubber which will retain its shape and strength even when reheated. ET-638 is specially formulated for general lab use with good ozone resistance. This product is manufactured in the US with equipment that can produce a wide variety of sizes and shapes including custom profiles, all with tight dimensional tolerances.

Typical Physical Properties	
Tensile Strength	2000 psi
Ultimate Elongation	550%
100% Modulus	200 psi
300% Modulus	450 psi
500% Modulus	1500 psi
Tear Resistance	160 lbf/in
Density	1.37 gm/cm ³
Minimum Continuous use Temperature	-76 °F
Maximum Continuous use Temperature	250 °F
Durometer	48 ± 5 Shore A

Other Key Characteristics	
Compression Set	Good
Abrasion Resistance	Excellent
Weather Resistance	Poor to Fair
Ozone Resistance	Good
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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