

## Natural Rubber

Common Name _____	Natural Rubber
Trade Names _____	Micro Qualatex Duro Amtex
ASTM D-2000 Classification _____	AA
Military (MIL-STD 417) _____	RN
Chemical Definition _____	Polyisoprene

### GENERAL CHARACTERISTICS

Durometer Range (Shore A) _____	20 – 100
Tensile Range (P.S.I.) _____	500 – 3500
Elongation (Max.%) _____	700
Compression Set _____	Excellent
Resilience – Rebound _____	Excellent
Abrasion Resistance _____	Excellent
Tear Resistance _____	Excellent
Solvent Resistance _____	Poor
Oil Resistance _____	Poor
Low Temperature Usage (F°) _____	-20° to -60°
High Temperature Usage (F°) _____	to 175°
Aging Weather – Sunlight _____	Poor
Adhesion to Metals _____	Excellent

### COMMENT

Natural Rubber has many good characteristics. It has high resilience, good compression set, good roll building behavior, and molding properties; very good friction surface, but not a fine smooth surface when ground; high tear strength, low crack growth; usable for ketones and alcohol; and good low temperature properties.

Natural Rubber is not recommended for oil and solvent resistance and ozone attacks it.