

# Silicone Stretchtape™



Kirkhill's RL 6000 Reinforced Silicone Stretchtape provides high-performance electrical insulation while creating an effective barrier against moisture, chemical and gas contamination



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High-Performance Electrical Insulation  
While Creating an Effective Barrier Against  
Moisture, Chemical and Gas Contamination



## Description

Kirkhill Reinforced Silicone Stretchtape is a custom-manufactured dielectric grade silicone rubber tape. Stretchtape is reinforced with sinusoidal glass yarn to control stretch and increase strength. Stretchtape also conforms easily to complex shapes and forms a permanent bond within a short period of time at room temperature. This tape provides superior performance in a single wrap that other tapes would require multiple wraps to accomplish. Leading manufacturers in the automotive, industrial, aerospace, marine and aviation industries specify Stretchtape.

## Features & Benefits

- Excellent Dielectric Strength (500 VPM Min.)
- Superior Chafing Resistance
- Superior Self-Adhesion Capability
- Tight Wraps and Weatherproof Seal
- Excellent Weathering, Oil and Chemical Resistance
- Controlled Stretch and Increased Strength
- Resists the Effects of Corona
- Superb Surface Release

## Applications

- Motor Rewinds and Repair
- Cable and Harness Wrapping/Bundling
- Electronic Assemblies
- Cable and Connection Insulation
- Roll Wrapping for Release Purposes
- High Temperature (Class H) Electrical Insulation and Splicing

## Specifications

RL 6000 SA/SB Stretchtape meet the following specifications:

- DMS 2186, Type 1
- RMS 315, Type 1
- IBM PN 6084744
- MIL – 1-22444
- GE A50493
- AE 26495-001
- GE A50E112 (SB only)
- ASNA 5107
- NSN 5970-01-325-8971 (SA only)
- NSN 5970-00-841-1172 (SB only)

## Typical Properties

Standard Widths	1/2", 3/4", 1"
Standard Thickness	0.020"
Standard Roll Lengths	12 or 20 Yards
Standard Tolerances	Width: +/- 0.032"; Thickness: +/- 0.002"
Temperature Range	-65°F (-54°C) to 500°F (260°C)
Stretch Capabilities	RL 6000 SA: 25%; RL 6000 SB: 15%
Tensile Strength	40 lb./inch Minimum
Dielectric Strength	Minimum 500 Volts Per Mil
Colors	Red or Black



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