

Kirkhill Silicone Stretchtape™ RL 6000

Kirkhill Reinforced Silicone Stretchtape RL 6000 SA/SB is a custom dielectric-grade silicone rubber tape designed for high-performance electrical insulation.

Reinforced with sinusoidal glass yarn, it controls stretch and enhances strength while conforming easily to complex shapes. This tape forms a permanent bond quickly at room temperature, providing superior moisture, chemical, and gas barrier protection with a single wrap that outperforms multiple wraps of conventional tapes.



Features and 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

Specifications

RL 6000 SA/SB Stretchtape meet the following specifications:

- DMS 2186, Type 1
- RMS 315, Type 1
- Lockheed 6084744
- MIL-I-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)

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



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Typical Properties

Standard Widths	1/2", 3/4", 1"
Standard Thickness	0.020"
Standard Roll Lengths	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

Part Number
RL6000SA-BLACK-1IN-20YD
RL6000SA-RED-1IN-20YD
RL6000SA-RED-0-75IN-20YD
RL6000SA-RED-0-5IN-20YD
RL6000FR-BLACK-1IN-20YD
RL6000SA-OEM-BLACK-0-5IN-20YD
RL6000SA-OEM-BLACK-0-75IN-20YD
RL6000SB-RED-1IN-20YD



DL-ChemicalSupport@exchange.boeing.com

For more information, call: 1-305-925-2600

AOG: 1-972-586-1566

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