



TECHNICAL DATA SHEET

SILICONE TAPE

P/N 11190/91/92/93/95/97

DESCRIPTION

ICKYSTICKY® Silicone Tape is a self-adhering, insulating silicone tape that forms a permanent, waterproof, airtight seal. The flexible silicone based material stretches up to three times its original length around uneven shapes and leaves no residue when removed. Resists weathering, salt water and UV rays, withstanding -50°C to +260°C temperatures and insulating to 8000 volts per unstretched layer. ICKYSTICKY® Silicone Tape adheres to itself, not to the surface being repaired.

- SELF-FUSING, NO ADHESIVE.
- WITHSTANDS OVER 260°C (500°F) OF HEAT.
- REMAINS FLEXIBLE TO -50°C (-58°F).
- HAS AN AMAZING 700 PSI TENSILE STRENGTH.
- INSULATES TO 8,000 VOLTS PER UNSTRETCHED LAYER.
- STRETCHES 300%.
- MADE IN USA.
- HIGH TENSILE STRENGTH.
- HIGH DIELECTRIC STRENGTH.
- ADVANCED BONDING PROPERTIES.
- CREATES A PERMANENT, WATER-TIGHT, AIR-TIGHT SEAL.
- NEVER GETS STICKY, NO MESSY CLEANUP.
- INCREDIBLY LONG SHELF LIFE.



USES

ICKYSTICKY® Silicone Tape's unique elastic, self-bonding, hi-temp properties make it better than duct tape and perfect for use on virtually anything that can be wrapped. Keep a roll in your car, on your boat, in your caravan, with your motorcycle, and in your tool box.

HOUSEHOLD REPAIRS

Dishwasher Hoses
Dryer Vents
Washing Machine Hoses
Vacuum Cleaner Hoses
Leaky P-traps
Garden Hoses and Fittings
Power Cords
Electrical Repairs

ELECTRICAL

Electrical Connections
Jumper Cable Grips
Motor Coils
Transformers
Power Tools
Power Leads and Cords
Terminal Splicing

AUTOMOTIVE

Radiator Hoses
Air Hoses
Air Conditioning Lines
Exhaust Systems
Wire Bundling/Protection

MARINE

Water Hoses
Drainage Lines
Exhausts
Rigging
Wiring
Fishing Equipment
Boat Rails
Scuba Gear

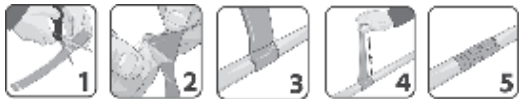
ICKYSTICKY® Silicone Tape can replace old-fashioned heat-shrink in many applications. A single roll can create an insulating wrap for just about any diameter required, and without needing a heat gun! ICKYSTICKY® Silicone Tape can be used in a wide variety of applications:

Cable and Wire Insulation
Radio and TV systems
Electrical
Telecommunications
Automotive
Marine Motors
Satellite Installation
Electrical Coil Insulation

ICKYSTICKY® Silicone Tape provides many benefits over traditional heat-shrink wrap:

Won't Melt Up to 260°C (500°F)
Remains Flexible to -50°C (-58°F)
Air & Moisture seal
Tensile Strength of 600 psi
Insulates to 400 volts/mil
Seals Irregular Shapes
Elastic Memory Seal
Resists Weathering

DIRECTIONS FOR USE



1. Clean surface to be wrapped. Cut off length to be used.
2. Peel back a short length of protective film.
3. Hold tape in position and apply a complete wrap back onto itself. This initial wrap secures the tape for additional wraps.
4. Maintain a constant stretch as you continue to wrap. Make sure each new layer overlaps onto half the previous layer.
5. Be sure the end of the final wrap is pressed down onto prior wraps. Use less stretch on the final wrap. If applying multiple pieces of tape, always start the end of each new piece in contact with a prior wrap.

For pressure applications, stretch tape to the maximum and apply several tight layers. Non-pressure applications require only minor stretching and one layer.

NOTE: ICKYSTICKY® SILICONE TAPE SHOULD NOT BE USED AROUND PETROL OR DIESEL.

CAUTION

May cause mild eye or skin irritation on sensitive individuals. Wash hands with soap and water after use.

ELECTRICAL AND MECHANICAL SPECIFICATIONS

TYPICAL PROPERTIES

Operating Temperature Ranges:

Continuous:

Intermittent:

Specific Gravity

Hardness, Durometer, Shore A

Room-cured – 24 Hours:

Tensile Strength

Elongation

Tear Strength

Bond Strength

Adhesion, unwind

Cold Brittle Point

Water Absorption, by weight

Dielectric Strength

Volume Resistivity

PERFORMANCE

-45°C to 200°C (-50°F to 400°F)

-65°C to 260°C (-80°F to 500°F)

1.15 - 1.21

55 ± 5

700 psi min.

300% min

60ppi min.

2 lbs. min.

3 in. min.

-53°C (-63°F)

3% max.

400Vpm min.

1 x 10¹³ OHMS/cm min.

GENERAL PERFORMANCE PROPERTIES

Moisture Resistance • Excellent

Electrical Insulation • Excellent

Corrosion Prevention • Excellent

Solvent Resistance • Good

Tear Resistance • Good

Acid Resistance • Good-Fair

Hydrocarbon Resistance • Good-Fair

UV Resistance • Excellent

Resilience • Excellent

High Temperatures • Excellent

Flame Resistance Good

Abrasion Resistance • Good

Oil Resistance • Good-Fair

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ICKYSTICKY® is a registered trademark of AFC INTERNATIONAL PTY LTD
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