

4444-88: Premium Electrical Tape



Features:

- Cold and weather resistant, professional grade, flame retardant.
- High dielectric strength.
- Highly resistant to sun, water, oil, acids, alkalies, corrosive chemicals.
- Lead free.

Construction:

- 7 mil thickness, professional grade, pressure sensitive vinyl tape which applies easily and gives excellent performance over a wide range of temperatures.

Design Criteria:

- ASTM D 3005 Type I; HH-1595C / A-A-55809A; EN 60454-3-1, Type 11
- UL 510. CSA C 22.2 no. 197
- UL 510 operating temperature -10° to 80° C (14° to 176° F)
- CSA 222 no. 197 operating temperature -18° to 105° C (-0.4° to 221° F)

Part #	Size	U of M	Weight
4444-88	2" x 20'	Each	0.15 lb.

4444-88: Premium Electrical Tape

DESCRIPTION:

A 7 mil (0.18 mm) all weather, professional grade, pressure sensitive vinyl tape which applies easily and gives excellent performance over a wide range of temperatures. Cold and weather resistant. Flame retardant. This tape can be used as primary insulation for splices up to 600 volts. Use as protective outer jacket over splices and for all low temperature applications.

TECHNICAL CHARACTERISTICS

PROPERTY	VALUE	UNIT	TEST METHOD
Color	Black	---	---
Thickness	0.007	inch	ASTM D 1000
	0,18	mm	ASTM D 1000
Tensile Strength	17	lb/in	ASTM D 1000
	30	N/cm	ASTM D 1000
Elongation	260	%	ASTM D 1000
Adhesion to Steel	20	oz/in	ASTM D 1000
	2,2	N/cm	ASTM D 1000
Adhesion to Backing	20	oz/in	ASTM D 1000
	2,2	N/cm	ASTM D 1000
Adhesion to Backing @ -7°C	50	oz/in	ASTM D 1000
	5,5	N/cm	ASTM D 1000
Unwind @ 7°C	50	oz/in	ASTM D 1000
	5,5	N/cm	ASTM D 1000
Flammability	4 Max.	second	ASTM D 1000
Flagging	0.12 Max.	inch	ASTM D 1000
	3 Max.	mm	ASTM D 1000
Temperature Rating			
	Maximum	80	°C
		105	°C
Minimum		-10	°C
		-18	°C
Dielectric Strength			
	- Standard	9000	V
	- Wet	8100	V
Dielectric Constant	3.2	---	ASTM D 150
Power Factor	0.01	---	ASTM D 150
Insulation Resistance	1x10 ⁶	MΩ	ASTM D 1000

Information provided is for reference only. Data in table represent average test results and are not to be used for specification purposes. The product user should make his/her own tests to determine the product's suitability for the intended use.

FEATURES:

- 7 mil thickness
- Cold and weather resistant
- High dielectric strength
- Highly elastic
- Flame retardant
- Highly resistant to sun, water, oil, acids, alkalies, corrosive chemicals
- Lead free
- Meets:
 - ASTM D 3005, Type I
 - HH-1595C / A-A-55809A
 - EN 60454-3-1, Type 11
 - UL 510
 - CSA C 22.2 no. 197

RECOMMENDED USES:

Used for general splicing purposes. Can be used as primary insulation for splices up to 600 volts. Provide a protective outer jacket over splices for all low temperature applications. Can be used for wrapping wire harnesses, and insulating degaussing coils.

STANDARD SIZES:

- 0.75 in x 66 ft
19 mm x 20 m
- 0.75 in x 20 ft
19 mm x 6 m

Other sizes are available upon request

