

## P-212 WHT

### GLASS CLOTH TAPE

#### PRODUCT DESCRIPTION

P-212 WHT is a glass cloth carrier tape with silicone adhesive that has a high thermal rating combined with superior solvent resistance, tensile strength and flame retardancy.

#### FEATURES

- High thermal rating and flame retardancy.
- Excellent edge tear resistance and superior conformability on most substrates.
- Offers superior solvent resistance.

#### PRODUCT CONSTRUCTION

GLASS CLOTH
SILICONE ADHESIVE

#### APPLICATION

- Premium tape for use in solvent resistant and or flame retardancy type applications.
- High temperature cable harness, connection insulating, coil connection, coil ends, terminal board pads, coil outer wraps, holding coil leads, anchoring terminal boards, sealing and enclosing hermetically packaged components, motor leads, internal connections and slot cell edge taping applications.
- General purpose insulating and holding applications involving heavy gauge wires and or high temperatures.

#### PROPERTIES, CERTIFICATIONS AND SPECIFICATIONS

<b>Backing Material</b>	Glass Cloth	
<b>Adhesive</b>	Cured Silicone	
<b>Color</b>	White	
	<b>Imperial</b>	<b>Metric</b>
<b>Total Tape Thickness</b>	7.5 mil	0.191 mm
<b>Tensile Strength</b>	190 lbs/in.	665 N/20mm
<b>Elongation</b>	8.8%	
<b>Adhesion to Steel</b>	59 oz/in	12.91 N/20mm
<b>Dielectric Strength</b>	4,400 volts	4.4kV
<b>Insulation Class CSA</b>	356°F	180°C
<b>Insulation Class UL</b>	392°F	200°C
<b>Certificates</b>	UL-510 & CSA C-22-2, ISO /IATF/AS: <a href="https://www.nitto.com/us/en/about_us/Americas/americas_certification/">https://www.nitto.com/us/en/about_us/Americas/americas_certification/</a>	
<b>Government Specifications</b>	MIL-I-19166C/ 14 CFR 25.853	
<b>Boeing Specifications</b>	BAC 5307 TYPE II/ BAC 5152/ BAC 5153/ BAC 5157	

\*CAUTION: The above are typical values and should not be used in writing specifications. Customer is responsible to ensure product meets intended application requirements before approved for use.

### SHELF LIFE & GENERAL STORAGE CONDITIONS

The general shelf life and storage conditions for this Nitto, Inc. product are as follows:

- Shelf life for this product is TWELVE MONTHS FROM DATE OF SHIPMENT.
- Best stored between 50°F-80°F / 10°C-27°C, 25-50% relative humidity; out of direct sunlight.

### PRECAUTION REMINDER

Surface should be clean, free of oil, moisture and dirt before applying. Pressure-sensitive adhesive tapes may require pressure by roller, hand or press when applying. Not doing so may affect the general properties and appearance. Please inspect your surface prior to application; this tape may not adhere well to extremely uneven or distorted surfaces. Please remember to allow adequate time for full adhesive strength.

### WARRANTY INFORMATION

Unless Nitto agrees otherwise in a written agreement signed by Nitto, the warranty information and other terms of sale can be found in the Nitto Terms and Conditions of Sale in the legal section of [www.nitto.com](http://www.nitto.com) and are hereby incorporated by reference.

### TECHNICAL SUPPORT

For questions pertaining to this data sheet or for additional product information; please email us directly at [support.us@nitto.com](mailto:support.us@nitto.com)