

Product Data Sheet

Updated: January 2014 This datasheet replaces all previous versions

P-212 WHT

GLASS CLOTH TAPE

PRODUCT DESCRIPTION

P-212 WHT is a high thermal rating tape combined with superior solvent resistance and flame retardancy. This tape is ideal for use in aerospace and electrical applications.

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 used in solvent resistant flame retardancy 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

Backing Material	Glass Cloth	
Adhesive	Cured Silicone	
Color	White	
	Imperial	Metric
Total Tape Thickness	7.5 mil	0.191 mm
Tensile Strength	185 lbs/in.	323 N/10mm
Elongation	8.8%	8.8%
Adhesion to Steel	59 oz/in	6.5 N/10mm
Dielectric Strength	4,400 volts	4.4kV
Insulation Class CSA	356°F	180°C
Insulation Class UL	392°F	200°C
Certificates	UL-510 & CSA C-22-2	
Government Specifications	MIL-I-19166C/ FAR 25.853	
Boeing Specifications	BAC 5307	

^{*}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.

UL component Recognition Guide OANZ2, File E20392, CSA C-22-2, RoHS Compliant.







For additional information or support, please visit our website at www.nittousa.com or call toll free 800-755-8273

© Nitto Denko America 2014



Product Data Sheet

Updated: January 2014 This datasheet replaces all previous versions

GENERAL STORAGE CONDITIONS

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

The following is made in lieu of all warranties, expressed or implied, including the warranty of merchantability and fitness for a particular or ordinary purpose. NITTO DENKO AMERICA warrants that its products meet the applicable specifications at the time of shipment from our warehouse and NITTO DENKO AMERICA's sole obligation shall be to replace any such quantity of the product which fails to meet NITTO DENKO AMERICA's specifications, or to issue a credit for such merchandise, for a period of six (6) months from the date of shipment.

NITTO DENKO AMERICA MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

NITTO DENKO AMERICA shall not be liable for any injury, loss or damage, direct or consequential, arising out of or in connection with the use or the inability to use the product, nor shall any recovery of any kind in total against NITTO DENKO AMERICA be greater in amount than the purchased price of the specific material sold causing the alleged loss, damage or injury. Before using, buyer shall be responsible to determine the suitability of the product for his intended use, and buyer assumes all risk and liability in connection therewith. The foregoing may not be altered except by an agreement signed by an officer of NITTO DENKO AMERICA.

Any delays in or failure by either party hereto in the performance of any obligations hereunder shall be excused if and to the extent caused by occurrences beyond such party's reasonable control, including Acts of God, strikes or other labor disturbances, war, whether declared or not, fire, inability to secure transportation or any other cause or causes which cannot be reasonably controlled by such party.



Document Code: PDS-P-212-1-14

