

# TECHNICAL DATA SHEET

Updated: February 2012 This datasheet replaces all previous versions



## P-629

### CARGO PIT SEAM TAPE

#### PRODUCT DESCRIPTION

P- 629 is a modified acrylic, flame retardant single sided glass cloth tape that is primarily used in the aerospace markets.

#### FEATURES

- Bright white glass cloth backing blends well with Tedlar (PVF) cargo liner panels.
- Our cargo pit seam tape has a bright blue PE liner that increases ease of application.
- The glass cloth backing makes for a conformable application over contoured surfaces.
- Our modified acrylic adhesive bonds very well to new and worn Tedlar (PVF) cargo liner panels.
- This tape has been formulated without Penta, Octa or Deca Bromated Diphenyl Ether according to EU directive 2003/11/EC regarding council directive 76/769/ECC.
- Environmental benefits due to a formulation avoiding heavy metals such as Antimony Trioxide.
- Abrasion resistant and outstanding durability.

#### PRODUCT CONSTRUCTION

P-629	P-629SL	P-629PRL
GLASS CLOTH	GLASS CLOTH	PRINTED GLASS CLOTH
MODIFIED ACRYLIC	MODIFIED ACRYLIC	MODIFIED ACRYLIC
LINER	SKIP-SPLIT LINER	SKIP-SPLIT LINER

#### APPLICATION

- Provides a flame retardant barrier over Tedlar (PVF) cargo pit panel seams.
- Our glass cloth backing is conformable for use over contoured surfaces like mechanical fasteners.
- P-629 comes with liner. P-629SL is a Skip-slit liner to allow an easier application for areas such as corners or seams and P-629PRL is printed with our company name.

#### PROPERTIES, CERTIFICATIONS AND SPECIFICATIONS

<b>Backing Material</b>	Glass Cloth	
<b>Adhesive</b>	Modified acrylic, flame retardant	
<b>Color</b>	White with blue liner	
	<b>Imperial</b>	<b>Metric</b>
<b>Total Tape Thickness</b>	6.8 mil	0.152 mm
<b>Tensile Strength</b>	150 lbs/ in	263 N/10 mm
<b>Elongation</b>	5%	5%
<b>Adhesion to Steel</b>	45 oz/in	4.91 N/10 mm
<b>Adhesion to PVF</b>	35 oz/in	3.81 N/10 mm
<b>Government Specifications</b>	(P-629SL & P-629PRL) FAR 25.853/ FAR 25.855	
<b>Boeing Specifications</b>	BMS 5-146 TYPE I, CLASS 1, GRADE A	
<b>Airbus Specifications</b>	(P-629) ABS 5649/ ABD 0031, Para 7.3.2 & Para 7.4.	

\*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.

RoHS Compliant.



# TECHNICAL DATA SHEET

Updated: February 2012 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.

### **For Pricing and Information**

**please contact distributor:**

**KIEPURA AVIATION CORP.**

61 Church St.

Littleton, NH 03561

Tel: 603-444-3459 / Fax: 603-444-0790

Toll Free: 1-888-522-8273 (USA/Canada)

Email: [jane@kiepuraaviation.com](mailto:jane@kiepuraaviation.com)

[www.kiepuraaviation.com](http://www.kiepuraaviation.com)

