



METADUCT 1225 SN-736

LOW-COST GENERAL PURPOSE ELECTRICALLY CONDUCTIVE ADHESIVE

METADUCT 1225 SN-736 is an easy-to-use economical electrically conductive epoxy adhesive which has been specifically formulated for cost-critical applications.

METADUCT 1225 SN-736 is supplied in two parts which, when mixed, cure at room temperature into a rigid solid with excellent electrical conductivity -- low enough to satisfy most general purpose requirements. When blended together in proper mixing proportions, the two components produce a thin paste which is readily applied by brush or trowel or from a syringe.

METADUCT 1225 SN-742 provides a convenient alternative to lead-tin soldering for bonding or making circuit connections, especially where soldering is not feasible. Adhesion to metal, glass and plastic is excellent. This adhesive is also used to join conductive silicone gaskets to aluminum flanges.

UNCURED PROPERTIES

	<u>BASE</u>	<u>ACTIVATOR</u>
Viscosity at 25°C (cps)	30 x 10 ⁶	80
Specific Gravity (25°/25°C)	1.70	0.96
Shelf Life (months)	6	6
Working Life (minutes)	60	

CURED PROPERTIES PHYSICAL

Moisture Absorption, 30 days @ 27°C (%)	0.10
Hardness (Shore D)	85
Tensile Strength (psi)	8800
Compressive Strength (psi)	13,500
Thermal Conductivity (BTU/hr-sq ft-°F/in)	3.3
Thermal Expansion Coefficient (°C)	1.8 x 10 ⁻⁵
Thermal Deflection Temperature (°C)	90
Operating Temperature Range (°C)	-50 to +150
Specific Gravity (25°/25°C)	1.69

ELECTRICAL

Volume Resistivity (ohm-cm)	0.015
-----------------------------	-------

Technical information and recommendations made by Protaviv America, Inc. concerning products and uses or applications thereof, are based on reliable laboratory tests and are believed to be accurate. No warranty, however, is expressed or implied, nor is any warranty expressed or implied as to results to be obtained from use of said materials, whether used singly or in combination with other products. No statements made are to be construed as constituting a license under any existing patent.

Protaviv America, Inc.

www.protavivamerica.com / 603.623.8626

FORM 1105 REV. 0

INSTRUCTIONS FOR USE*

1. Mix **METADUCT 1225 SN-736 BASE** thoroughly, until uniform, in the container in which it is received. Then weigh out the amount desired in a separate container.
2. In another container by weight measure 4.5 parts of **METADUCT 1225 SN-736 ACTIVATOR** for each 100 parts of Base. Mix thoroughly. Working life is one hour at room temperature.**
3. Select either of the following curing schedules:

Room temperature (77°F)	8 hours
150°F	30 minutes

*Premeasured METREMIX packs are available on special order. The METREMIX pack contains activator and base in separate pouches ready to mix. Follow instructions on pack.

For longer working life use **METADUCT 1225 XL-245 (90 minutes) or **METADUCT 1225 SN-742** (2 hours).