

**Code 808-809**

**CONDUCTIVE PRESSURE SENSITIVE  
ADHESIVE (CPSA)**

**Section A**

Newmet CA is a fire retardant CPSA acrylic adhesive base, without a carrier layer, which contains conductive silver particles giving a low electrical resistance in the "Z" direction. It has a release liner on 1 side and is supplied in 33 LM roll lengths.

Other properties:-

Total Thickness: 0.050 mm

Adhesion (Peel): 20.0 N/25mm.(at RT)

Volume resistance: 2 ohm/cm

It is supplied in a range of widths from 4 mm to 1370 mm and is bonded to a number of gasket products where "Z" direction conductivity is required. Its recommended use temperatures are -34 Deg C to 105 deg C. At higher temperatures bond strengths will decline (These temperatures are not critical in many gasket applications where the adhesive is used to hold in place prior to closing together the two sections.)

**PRESSURE SENSITIVE ADHESIVE (PSA)-NON CONDUCTIVE**

Newmet supplies several non-conducting PSA's to cover temperature ranges, fire properties, bonding strengths etc., The standard grade is widely used on conductive gaskets where:

1-The conductive flow is in the x,y directions in the surface of the gasket

2-The metallic content of the gasket penetrates the PSA surface to make direct contact with the conducting surface underneath. (i.e. those gaskets containing oriented wire, shielding mesh, and embossed metal strips and some knitted wire sections)

3-The adhesive strip covers only part of the contact surface.

The fire properties normally depend on the overall system being tested. To specify add suffix ...A, KE or EN to the product grade The EN grade should not be used for conductive penetration applications. Check bond before use.

GRADE	REC. TEMP. RANGE	CARRIER LAYER	ADHESIVE TYPE	FIRE RESISTANCE
A	-35°C-120°C	Yes	Acrylic	Fair
KE	-35°C-120°C	Yes	Acrylic/Silicone	Fair
EN	-55°C-250°C	Yes (gf cloth)	Silicone	Good