



2597 VHT Masking

PRODUCT DESCRIPTION

Very High Temperature Masking Tape 2597 consists of a lightly crepe paper coated with a thermostable, silicone based adhesive.

The tape has been specifically designed for use in paint stoving cycles incorporating temperatures significantly higher than 140°C. In a typical cycle 2597 will remain in place while 2 or 3 coats of paint are applied, each coat being stoved for 30 mins at 180°C. Temperatures up to 200°C are within the working limits of this material, for periods in the region of 2 hours duration, but it is essential for users to test the tape to their own satisfaction when such conditions are involved.

It has been found that removal is most easily and cleanly accomplished when the tape and substrate have cooled to 40°C-60°C. As a guide to this at 60°C objects are just too hot to handle comfortably, whilst 40°C feels warm. Thus the golden rule is that 2597 should be stripped as soon as the object has cooled sufficiently for it to be handled with comfort.

TECHNICAL DATA

COLOUR

White

AVERAGE PROPERTIES

Total thickness: 0,175mm

Tensile strength: 9,0kg per 25mm width

Elongation at break: 10%

Adhesion to metal: 550gm per 25mm width

Temperature Resistance:
200°C - 1 hour

APPLICATION

2597 has worked satisfactorily on a number of metals including polished and anodised aluminium, polished and chemically etched steel, passivated cadmium, magnesium, various types of copper containing alloys and brass.

The above data and performance characteristics are compiled on the results of tests and estimates based on careful calculations. They are put forward in a good faith but are not guaranteed. In particular the customer should satisfy himself on the suitability of the product for its intended use and consult us if he is in any doubt about any particular application.

The conditions under which this product is stored, affect its performance. Storage should be in dry, well-ventilated rooms with a reasonably consistent temperature around 20°C and protected from continuous exposure to direct sunlight. The product should always be applied to clean, dry surfaces.