



HIGH TEMPERATURE MASKING TAPE 2556

PRODUCT DESCRIPTION

All Purpose Masking Tape 2556 consists of a lightly crepe paper coated with a cross linked adhesive (cured). It has been developed to cope with all masking applications, from conventional air drying techniques, to high temperature stoving process involving temperatures as high as 180°C for 10 minutes. Fuller details are given under the heading "Process Resistance".

COLOUR

Buff

TECHNICAL DATA

AVERAGE PROPERTIES

Total thickness: 0,18mm
Tensile strength: 10kg per 25mm width
Elongation at break: 8%
Adhesion to metal: 1000gm per 25mm width

PROCESS RESISTANCE

HOT STRIPPED

Painted Mild Steel
120°C (248°F) up to 12 hours
130°C (266°F) up to 4 hours
140°C (284°F) up to 1 ½ hours

Anodised Aluminium
120°C (248°F) up to 5 hours
130°C (266°F) up to 3 hours
140°C (284°F) up to ¾ hour

COLD STRIPPED

Untreated Mild Steel
140°C (284°F) up to 70 mins.
150°C (302°F) up to 35 mins.
160°C (320°F) up to 20 mins.
180°C (356°F) up to 10 mins.

Anodised Aluminium
140°C (284°F) up to 2 hours
150°C (302°F) up to 45 mins.
160°C (320°F) up to 20 mins.
180°C (356°F) up to 10 mins.

The maximum working temperatures depend upon the combination of stoving time and whether the tape will be stripped hot or after cooling.

APPLICATION

2556 is designed for use during spraying operations where the normal stoving paints, including the acrylic resin based ones, are applied either by conventional spray gun techniques or by the "hot spray" method (in which the paint is heated prior to application).

The tape performs consistently well in convection and infra-red radiation ovens where it will withstand not only successive stoving cycles without lifting, but also hot air turbulence whilst holding paper aprons securely in position. No adhesive deposit is left nor is there any sign of paint "blooming" when the tape is eventually stripped off.

2556 unwinds easily from the roll without abrasing operators' fingers and, although strong, can be easily torn by hand. It adheres instantly to many surfaces, including sheet steel, aluminium, chrome, glass and, of course, paint.

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.