5012
Masking Tape

Product Description

tesa® 5012 is a high-performance masking tape featuring a slightly creped paper backing coated with a natural rubber adhesive. It provides strong adhesion to a wide variety of surfaces and is designed for spray painting applications involving elevated drying temperatures. The tape offers excellent conformability, high tear resistance, clean paint edges, and residue-free removal after cooling. It is hand-tearable, resistant to wet sanding, and provides excellent paint anchorage. The product withstands temperatures up to 120°C (248°F) for 60 minutes or 130°C (266°F) for 30 minutes and is suitable for repeated oven drying cycles as well as demanding transportation industry applications.

Main Applications

- Spray painting applications with elevated drying temperatures
- Masking for marine, rail, truck, and transportation industries
- Oven drying processes up to 120°C (248°F)
- Holding, sealing, and fixing applications
- Color coding and general-purpose masking

Technical data

	Metric	Imperial
Thickness	160 µm	6.3 mil
Tensile Strength	49 N/cm	28 lb/in
Elongation at Break	12 %	12 %
Temperature Resistance (60 min)	120 °C	248 °F
Temperature Resistance (30 min)	130 °C	266 °F
Adhesion to Steel	4 N/cm	2.28 lb/in

Backing
Slightly Creped Paper

Adhesive Type
Natural Rubber

Colour
Green

Note: The physical and performance characteristics shown are averages obtained from tests performed according to ASTM and PSTC test methods. MPI Matco can make no warranty of any kind as to the results of the adhesive product use. The information published here is representative of laboratory research on these products and is believed to be reliable. Values should not be used for specification purposes. Each user should perform their own tests to determine the suitability of the product for their intended application and shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (21°C) with 50% relative humidity.