



High Performance Masking Tape 401E

Product Data Sheet

September 2014
Supersedes: New

Product Description

3M High Performance Masking Tape 401E is a brown coloured creped paper masking tape for high quality performance paint masking in the automotive industry and for the industrial market.

Key Features

- Provides outstanding quality in all paint applications in the automotive industry and in the industrial market.
- Suitable for all oven drying systems, IR or heat lamps.
- Good solvent and moisture resistance.
- Crepe paper backing for conformability that will maintain integrity when formed around corners.
- Backing saturated for easy tear – resists slivering yet hand tearable.
- Rubber adhesive with instant adhesion.
- Excellent holding power that resists lifting or curling and helps reduce rework.
- Special backsize treatment controls unwind and helps reduce waste.
- Designed for indoor use only. Tape should not be subjected to outdoor exposure or prolonged periods of sunlight as product may become very difficult to remove.

Physical Properties

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|---------------|-------------|
| Adhesive Type | Rubber |
| Backing Type | Crepe paper |
| Tape Colour | brown |

Performance Characteristics

| | |
|-----------------------------------|------------------|
| Adhesion to Steel AFERA 5001 | 10 N/25mm |
| Tensile Strength AFERA 5004 | 100 N/25mm |
| Elongation at Break AFERA 5004 | 10 % |
| Thickness AFERA 5006 | 0.160 mm |
| Temperature Performance | 140°C for 1 hour |

Storage Store in clean dry place. Temperature of 21 °C and 50 percent relative humidity are recommended.

Shelf Life 3M 401E has a shelf life of 12 months from date of dispatch from 3M when stored in the original carton at 21°C & 50% Relative Humidity.

For Additional Information For additional product information, please contact us at the address here below.

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations

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