



Scotch® High Temperature Masking Tape 214

Product Data Sheet

December 2018
Supersedes: June 2004

Product Description

Scotch® Tape 214 is a masking tape with sulphur-free adhesive, which makes it one of the few tapes that can be used on copper, silver or other precious metals.

Key Features

- Adhesive is very firm and allows it to be used on most treated metals
- Should not be subjected to outdoor exposure or prolonged periods of sunlight exposure as tape may become very difficult to remove
- Will generally withstand bake cycles up to 177 °C for 30 minutes – even on treated metals. Performance is governed total time, temperature, surface tape is applied to, and any other coatings and conditions.

Physical Properties

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| Total Tape Thickness ASTM D3652 | 0.14 mm |
| Backing | Smooth crepe paper treated with a high heat and stain resistant saturant |
| Adhesive | Firm rubber adhesive designed to give outstanding holding power for a high heat resistant tape |

Performance Characteristics

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| Peel Adhesion on Stainless Steel ASTM D3330 | 3.2 N/cm |
| Tensile Strength ASTM D3759 | 47.3 N/cm |
| Elongation at Break | 10 % |
| Temperature Use Range | 30 minutes up to 177 °C |

Application Ideas

Can be used in a wide variety of high heat, treated metal, and stain resistant applications. It is generally considered only when one of these factors is a problem.

Storage & Shelf Life

Store at 16°C – 27 °C and 40-60 % relative humidity in its original carton. The product can be stored up to 24 months after production.

For Additional Information

To request additional product information or to arrange for sales assistance, call 0330 0538936. Address correspondence to: IATD, 3M United Kingdom Plc, 3M House, 4th Floor, Building 8, Exchange Quay, Salford Quays, Manchester, M5 3EJ.

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