

Thermal Spray Masking Tape

Technical Datasheet

170-10S YL



General Information

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|------------------------------|---|
| Product Group | Thermal Spray |
| Industry Segments | Aerospace, Energy, Medical, Electronics |
| Main Product Features | Excellent resistance to cut through and abrasion, Superior adhesion to itself to withstand the extreme conditions of metalizing and plasma spray operations, Releases cleanly from metal surfaces |

Tape Construction

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|------------------------|-------------|
| Colour | White/Creme |
| Substrate | Fiberglass |
| Surface Coating | Silicone |
| Adhesive | Silicone |

Technical Data

| | | | | |
|---|----------|-------------|-------------|--------|
| Total Thickness | 0.28 mm | 11 mil | Test Method | TM# 13 |
| Maximum Width | 1,219 mm | 48 in | | |
| Tear (Fabric) | 29 N/cm | 16.20 lb/in | Test Method | TM# 5 |
| Min. Adhesion to Steel (180) per Width | 5 N/cm | 45.50 oz/in | Test Method | TM# 11 |
| Min. Adhesion to Steel (90) per Width | 7 N/cm | 60.00 oz/in | Test Method | TM# 11 |
| Min. Face to Back | 5 N/cm | 46.80 oz/in | Test Method | TM# 11 |

Applications

Plasma Spray
Arc Spray
Flame Spray
Grit Blast