

# Thermal Spray Masking Tape

Technical Datasheet

## 310-16S



### General Information

<b>Product Group</b>	Thermal Spray
<b>Industry Segments</b>	Aerospace, Energy, Medical, Electronics
<b>Main Product Features</b>	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

<b>Colour</b>	Ammega Green
<b>Substrate</b>	Fiberglass
<b>Surface Coating</b>	Silicone
<b>Adhesive</b>	Silicone

### Technical Data

<b>Total Thickness</b>	0.45 mm	18 mil	Test Method	TM# 13
<b>Maximum Width</b>	1,219 mm	48 in		
<b>Tear (Fabric)</b>	45 N/cm	25 lb/in	Test Method	TM# 5
<b>Min. Adhesion to Steel (180) per Width</b>	5.6 N/cm	51 oz/in	Test Method	TM# 11
<b>Min. Adhesion to Steel (90) per Width</b>	6.7 N/cm	60 oz/in	Test Method	TM# 11
<b>Min. Face to Back</b>	5.1 N/cm	46 oz/in	Test Method	TM# 11

### Applications

Plasma Spray  
Arc Spray  
Flame Spray  
Grit Blast

*Preliminary (In Development)*