

## SILICONE COATED FIBERGLASS TAPES

### 170-10S, 170-10S CL, 170-20S, 179-20S

This family of tapes is a high temperature, silicone rubber coated fiberglass tape with a silicone polymer adhesive.

#### FEATURES:

- Superior mechanical and thermal protection
- Excellent resistance to cut through and abrasion
- Silicone adhesive system for superior adhesion to metal and “face to back”
- Releases cleanly from metal surfaces
- The 170-10S red allows for improved heat resistance
- The 170-10S CL has a flat clear liner for high “Quickstick” and easier removal of liner
- The 170-12S is engineered for high grit blast resistance
- The 170-20S saves time while taping when two plies are needed
- 179-20S a laminated structure based on silicon rubber / glass fabric / aluminum foil and silicone adhesive. Good gritblast resistance, suitable for HVOF applications

#### APPLICATIONS:

- Masking for metalizing and plasma spray applications
- Grit blasting and flame metal spray applications

## FIBERGLASS CLOTH TAPES

### 160-5S, 160-5S HT, 162-5S, 162-7S, 162-12S

These tapes are fabricated from a tightly woven high tensile glass cloth with a high temperature silicone pressure sensitive adhesive, on one or both sides.

#### FEATURES:

- High resistance to cut through and abrasion
- Silicone adhesive system for superior adhesion to metal and “face to back”
- Releases cleanly from metal surfaces
- The 162-5S, 162-7S and 162-12S have a pressure sensitive silicone adhesive applied to both sides of the carrier fabric and a heavy duty crepe paper liner
- 162-7S is designed for easier liner release and handling

#### APPLICATIONS:

- Masking for metalizing and plasma spray applications
- Under wrap for other tapes

## ALUMINUM FOIL TAPE 190-7S, 190-10S

A thin aluminum foil is laminated to our fiberglass tape, making this tape an excellent choice in applications requiring a combination of conformability with high abrasion resistance.

#### FEATURES:

- Superior mechanical and thermal protection
- Excellent resistance to cut through and abrasion
- Silicon adhesive system for superior adhesion to metal and “face to back”
- Releases cleanly from metal surfaces

#### APPLICATIONS:

- HVOF applications
- Masking for metalizing and plasma spray applications

SILICONE RUBBER COATED FIBERGLASS TAPES									
Code #	Width	Nominal Thickness,		Color	Tensile		Adhesion		Operating temp range, °F
		mil			lb / inch	width	to SS oz / inch	to itself oz / inch	
170-10S	36"	10-11		cream	125	40	30		
170-10S CL	36"	10-11		cream	125	40	30		
170-10S RED	36"	10-11		red	125	40	30		-100
170-11S	36"	11		cream	124	40	30		to
170-12S	36"	12		cream	125	40	30		+500
170-20S	36"	20-22		cream	200	40	25		
179-20S	36"	20-22		cream	200	30	20		

  

FIBERGLASS CLOTH TAPES											
Code #	Width	Nominal Thickness,		Color	Tensile lb / inch	Elongation %	Dielectric Strength V / mil	Insulation Class. °C	Adhesion		Operating temp range, °F
		mil							to SS oz / inch	to itself oz / inch	
160-5S	48"	7.5		cream	150	5	500	180	25		-100
160-5S HT	48"	7.5		cream	150	5	500	180	30		+500

  

FIBERGLASS CLOTH TAPES, DOUBLE COATED									
Code #	Width	Nominal Thickness,		Color	Tensile		Adhesion		Operating temp range, °F
		mil			lb / inch	width	to SS oz / inch	to itself oz / inch	
162-5S	36"	5		cream	60	30	30	30	-100
162-7S	36"	7		cream	125	30/40	30	30	to
162-7S HT	36"	7.5		cream	150	35	40	40	+500
162-12S	12"	12		cream	200	30	30	30	

  

ALUMINUM FOIL TAPES									
Code #	Width	Nominal Thickness,		Color	Tensile		Adhesion		Operating temp range, °F
		mil			lb / inch	width	to SS oz / inch	to itself oz / inch	
190-7S	12"	7		aluminum	40	40	30	30	-100 to
190-10S	12"	10		aluminum	40	40	30	30	+500