



250 Chester Street
Painesville, Ohio 44077
 Phone: **866-GO-AVERY (866-462-8379)**
 Fax: **888-358-4469**
 email: psa.tape@averydennison.com

URL: stus.averydennison.com

Fire Testing

ASTM E84

	Flame Spread	Smoke Developed
Foil Side	5	0
Kraft Side	25	10

PRODUCT DESCRIPTION

Applications

Designed for industrial insulation facing applications

Features

Elastomeric polymer barrier coating
 Flame resistant
 Product is decaBDE free

Benefits

Natural kraft
 Tri-directional fiberglass reinforcement
 Made in the USA

Availability

	<u>Inches</u>	<u>(cm)</u>		<u>Length</u>
	35 1/2"	(90)	X	300 or 1000 ft
	48"	(122)	X	300 or 1000 ft
	50"	(127)	X	300 or 1000 ft

PRODUCT DATA

Caliper

Micrometer PSTC-133

inch

0.008

Physical Properties

micron

203

Basis Weight

Scale

lb / 1000 ft²

21.0

g / m²

103

Permeance (WVTR)

ASTM E96 Procedure A

grains / hr

0.02

ng / N s

1.15

Bursting Strength

ASTM D774

psi

40.0

kg / cm²

2.80

Puncture Resistance

ASTM C1136

beach units

25.0

Joules

0.70

Tensile Strength

ASTM C1136 MD
 ASTM C1136 CD

lbs / in w

40.0

25.0

kN / m

7.00

4.40

Accelerated Aging

30 days @ 49°C / 95% RH

Result

No Corrosion or Delamination

Low Temperature Resistance

ASTM D1790

Result

Remains Flexible with No Delamination

High Temperature Resistance

4 hrs @ 116°C (240°F)

Result

Remains Flexible with No Delamination

Water Immersion

24 hrs @ 23°C (73°F)

Result

No Delamination

Mold Resistance

ASTM C665 / C1338

Result

No Growth

Dimensional Stability

ASTM D1204

%

0.3

Emissivity

ASTM E408

Result

0.0

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