



Product Data Sheet

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Ultra High Bond Tapes Double Coated Acrylic Foam

Ultra High Bond Double Sided Tape is a foamed acrylic system with a special composition giving excellent all around bonding properties and unique characteristics that allows for very high performance in the most demanding of applications. The pressure sensitive acrylic composition provides for very good tack, excellent adhesion to variety of surfaces and high shear strength performance. Ultra High Bond Double Sided Tape is carried on a RED, release coated polyethylene liner that is easily removed.

10 Mil Clear (19410)

Foamed acrylic tape 9.8mils (0.25mm) exclusive of liner. Clear foamed acrylic with RED PE liner. Ideal for structural bonding applications to mount/fix car side molding and emblems. Used as a mounting tape in the illuminated sign industry, for fabricating road signs, joining of metals and plastic trims in furniture construction and architectural applications. 180° Peel adhesion: 100.8 oz/in. Tensile adhesion: 107 lb/in². Dynamic shear: 85 lb/in². Temperature resistance: up to 482°F short term and up to 302°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3° plastic core.

16 Mil White?(19416)

Foamed acrylic tape 15.7mils (0.40mm) exclusive of liner. White foamed acrylic with RED PE liner. Perfect for bonding components in the electronics industries, such as computers, consumer electronics, white goods, bonding thin sheet metal and plastics. 180° Peel adhesion: 124.8 oz/in. Tensile strength: 156 lb/in². Dynamic shear: 114 lb/in². Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3° plastic core.

16 Mil Gray (19416)

Foamed acrylic tape 15.7mils (0.40mm) exclusive of liner. Gray foamed acrylic with a special composition giving excellent all around bonding properties and unique characteristics that allows for very high performance in the most demanding of applications. The pressure sensitive acrylic composition provides for very good tack, excellent adhesion to variety of surfaces and high shear strength performance. Tape is carried on a RED, release coated polyethylene liner that is easily removed. 180° Peel adhesion: 118.4 oz/in. Tensile adhesion: 107 lb/in². Dynamic shear: after 20 min: 64 lb/in².; after 24 hours: 100 lb/in². Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

20 Mil Clear (19520)

Foamed acrylic tape 19.7mils (0.50mm) exclusive of liner. Clear foamed acrylic with RED PE liner. Used as a mounting tape in the illuminated sign industry, for fabricating road signs, joining of metals and plastic trims in furniture construction and architectural applications. 180° Peel adhesion: 75.2 oz/in. Tensile adhesion: 100 lb/in². Dynamic shear: 78 lb/in². Temperature resistance: up to 302°F short term and up to 194°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

25 Mil White (19425)

Foamed acrylic tape 25.2mils (0.64mm) exclusive of liner. White foamed acrylic with RED PE liner. Ideal for structural bonding applications to mount/fix car side molding and emblems. Bonding of metal furniture, cabinets, lockers, plastic extrusion fixing. 180° Peel adhesion: 147.2 oz/in. Tensile strength: 149 lb/in². Dynamic shear: 102 lb/in². Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

25 Mil Gray (19425)

Foamed acrylic tape 25.2mils (0.64mm) exclusive of liner. Gray foamed acrylic adhesive with a special composition giving excellent all around bonding properties and unique characteristics that allow for very high performance in the most demanding of applications. 180° Peel adhesion: 120 oz/in. Tensile strength: 108 lb/in². Dynamic shear: 102 lb/in². Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

31 Mil Gray (19431)

NOTE: The physical properties listed above are typical test results obtained from a series of laboratory tests and should not be used for the purpose of writing specifications. Before using this product, user shall determine the suitability of the product for his/her use; and user assumes all risks and liabilities in connection therewith. All test procedures used are in accordance with ASTM and PSTC methods.

Foamed acrylic tape 31.5mils (0.8mm) exclusive of liner. Gray foamed acrylic adhesive with a special composition giving excellent all around bonding properties and unique characteristics that allows for very high performance in the most demanding of applications. 180° Peel adhesion: 132.8 oz/in. Tensile strength: 92 lb/in2. Dynamic shear: 92 lb/in2. Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

40 Mil Clear (19540)

Foamed acrylic tape 39.4mils (1.0mm) exclusive of liner. Clear foamed acrylic with RED PE liner. Used in the manufacture of laminated safety glass and hurricane impact glass. Bonding, sealing and fixing of shower screens, cubicle glass and plastic, glass display cabinets, refrigerated cabinets for supermarkets and chilled drink cabinets. 180° Peel adhesion: 96 oz/in. Tensile strength: 100 lb/in2. Dynamic shear: 70 lb/in2. Temperature resistance: up to 302°F short term and up to 194°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

45 Mil Gray (19445)

Foamed acrylic tape 43.3mils (1.1mm) exclusive of liner. Gray foamed acrylic with RED PE liner. Ideal for structural bonding applications in the transportation industry. Used in automotive aftercare market and in body shops for crash repair as well as mounting/fixing car side molding and emblems. 180° Peel adhesion: 139.2 oz/in. Tensile strength: 85 lb/in2. Dynamic shear: 85 lb/in2. Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

45 Mil White (19445)

Foamed acrylic tape 43.3mils (1.1mm) exclusive of liner. White foamed acrylic with RED PE liner. Ideal for structural bonding applications in the transportation industry. Bonding of plastic & wooden window glazing bars, fixing architectural cladding panels. 180° Peel adhesion: 161.6 oz/in. Tensile strength: 141 lb/in2. Dynamic shear: 85 lb/in2. Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

60 Mil Clear (19660)

Foamed acrylic tape 59.1mils (1.5mm) exclusive of liner. RED PE liner. Ideal for all around bonding in the most demanding of applications. 180° Peel adhesion: 118.4 oz/in. Tensile strength: 85 lb/in2. Dynamic shear: 57 lb/in2. Temperature resistance: up to 302°F short term and up to 194°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3? plastic core.

All test procedures used are in accordance with ASTM and PSTC methods.

60 Mil Gray (19660)

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Foamed acrylic tape 59.1mils (1.5mm) exclusive of liner. RED PE liner. Ideal for all around bonding in the most demanding of applications. 180° Peel adhesion: 139.2 oz/in. Tensile strength: 78 lb/in². Dynamic shear: 78 lb/in². Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3° plastic core.

80 Mil White (19800)

Foamed acrylic tape 78.2mils (2.0mm) exclusive of liner. RED PE liner. Ideal for all around bonding in the most demanding of applications. 180° Peel adhesion: 124.8 oz./in. Tensile strength: 93 lb/in². Dynamic shear: 79 lb/in². Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3° plastic core.

80 Mil Gray (19800)

Foamed acrylic tape 78.8mils (2.0mm) exclusive of liner. RED PE liner. Ideal for structural bonding applications in the transportation industry - i.e. fixing body and roof panels in the bus and truck industry, mounting/fixing car side molding and emblems. 180° Peel adhesion: 139.2 oz/in. Tensile strength: 71 lb/in². Dynamic shear: After 20 min: 43 lb/in²; after 24 hours: 75 lb/in². Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -40°F. UV resistance: Good. 3° plastic core.

120 Mil White (19900)

Foamed acrylic tape 118mils (3.0mm) exclusive of liner. RED PE liner. Ideal for structural bonding applications in the transportation industry - i.e. fixing body and roof panels in the bus and truck industry, mounting/fixing car side molding and emblems. 180° Peel adhesion: 107.2 oz/in. Tensile strength: 85 lb/in². Dynamic shear: 64 lb/in². Temperature resistance: up to 320°F short term and up to 212°F long term. Cold temperature resistance: down to -22°F. UV resistance: Good. 3° plastic core.

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