

Technical Data Sheet

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Description

DoubleStick is an advanced MicroSealant[™] tape with a removable siliconized release liner on each side. Designed to bond two surfaces, even two surfaces made of two or more dissimilar materials. **DoubleStick** creates a tight, permanent, waterproof seal. **DoubleStick** remains flexible to temperatures as low as -70° F making it virtually impossible to thermally shock the seal causing a leak.

DoubleStick bonds to a wide range of surfaces including EPDM, TPO, aged PVC, SBS, APP modifieds, asphalt BURs, coal tar BURs, tiles, shingle, coated and non-coated aluminum and metal roofs, galvanized steel, gypsum board, wood, polyethylene, propylene, polystyrene, fiberglass, brick, concrete, masonry, OSB board, shielding membranes, etc.

Basic Use

DoubleStick tape is a self-sealing adhesive creating a water-tight, conformable seal between two or more irregular surfaces, and/or creates a weather proof, permanent bond between two or more similar or dissimilar surfaces. Use as a lap seal, under the foot of an equipment curb or skylight, or roll it into a bead or ball of MicroSealant[™] to form a gasket, seal a gap or seal, or as needed.

Composition

DoubleStick utilizes an advanced MicroSealant[™] Technology, a 100% solids formulation of synthetic resins, thermoplastics and non-curing rubber with a built-in primer, between two silicone release liners.

Surface Preparation

Surface must be clean and dry. Moisture, dust, dirt or other foreign matter should be removed. Remove oil and grease, etc. with isopropyl alcohol or a non-residue cleaner such as acetone or lacquer thinner. Remove salt and other contaminants.

Application

To apply the **DoubleStick**, remove one side of the release liner and apply to the surface to be protected or bonded. Rub or roll with pressure using your hand or steel roller to activate bonding process. Remove the second release liner and apply second surface to tape, apply pressure. **DoubleStick** also can be used as a putty. Remove both release liners and roll into a rope. Place over gap and mold to seal opening. This material may be applied to clean dry surfaces from 150° F to -20° F ambient. Treat surface with EternaPrime for installations from 40° F to -20° F ambient.

Technical Data	
Adhesion	19 lbs/in width
Application temperature	150° F to -20° F ambient
Available widths	Up to 48" as special order
Dielectric strength	Exceeds 12 kV
Elongation	>500%
Insulation resistance	10 to the 6th power megohms
Low temperature flexibility	1/2" radius at -30° F
Permanence	.001 perms maximum
Pliability	No cracks in membrane
Shelf life	Up to 5 years
Standard case quantity	100 sq. ft. per case
Standard roll sizes	1", 2", 4", 6" X 50'
Temperature flexibility range	-70° F - >200° F
Total thickness	standard 30 mils or 60 mils 40 mils or 80 mils available
Water vapor test (ASTME 96B)	.005 grms / 100" sq. / 24 hrs. / 100° F

Values are typical performance properties and characteristics based on laboratory testing. This is intended as a guide for comparison purposes and does not constitute a specification or specification range.



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All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.chemlink.com for the Safety Data Sheet, Technical Data Guides and full warranty for this product.

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