IDEAL SHIELD® JACKETING

BROUGHT TO YOU BY IDEAL TAPE CO.

YOUR ULTIMATE ARMOR AGAINST THE ELEMENTS.

Jacketing plays a crucial role in protecting externally insulated duct work from water intrusion. State-of-the-art Ideal Shield® Jacketing is the ultimate self-adhesive, all-weather warrior.

TESTED TOUGH AND BUILT FOR BATTLE.

BUILT FOR BATTLE

Ideal Shield® is a multi-functional, self-adhesive laminate protective jacket for outdoor applications. It provides a zero perm vapor barrier over insulation on rooftop duct work, piping, and equipment. It has been rigorously tested to the highest standards.

ALUMINUM JACKETING
EMBOSSED OR FLAT

- ➔ Tested in accordance with UL 723
- ➔ Zero perm vapor barrier
- ➔ 10-year warranty
- ➔ Application temperature -20°F to 160°F
- ➔ Service temperature -70°F to 250°F

Stock Roll Size 35.25" X 50 yds • 30 per Pallet • When Properly Stored, Shelf Life Is 24 Months
When a specification allows for "or equivalent" products, or where Ideal Seal® 777 Aluminum is already specified, Ideal Shield Aluminum Jacketing is both the equivalent and replacement.

PHYSICAL PROPERTIES	EMBOSSED VALUES	FLAT VALUES	TEST METHOD
Thickness, mils (µm)	12.5 (318)	9.6 (244)	PSTC-133
WVTR, Perm (metric perm)	0.00 (0.00)	0.00 (0.00)	ASTM E96 Procedure B
Puncture, lbs (n)	10.5 (47)	10.5 (47)	ASTM D1000
Mullen Burst, psi (kpa)	60 (414)	60 (414)	ASTM D774
Tensile Strength (N/mm)	30 (5.25)	30 (5.25)	ASTM D882
Peel Adhesion oz/in (N/m)	70 (766)	70 (766)	PSTC-101
Low Temp. Exposure °F (°C)	-40 (-40)	-40 (-40)	ASTM C1263
High Temp. Exposure °F (°C)	250 (121)	250 (121)	ASTM C1263
Dimensional Stability (%)	<0.2	<0.2	ASTM D1204
Weather Resistance, Pass/Fail	Pass	Pass	ASTM G154, cycle 1, 1000 hrs
Water Resistance, Pass/Fail	Pass	Pass	24 Hrs @ 73°F (23°C)
Fungi Resistance, Pass/Fail	Pass	Pass	ASTM C1338
Thermal Emittance	<0.05	<0.05	ASTM C1371
Surface Burning Characteristics, Flame Spread/Smoke Developed	15/25	15/35	ASTM E84

Ideal Shield® is an all-weather jacketing system that delivers cost savings through reduced labor. It can also be used as a heavy-duty patch & repair and strapping tape. Our unique design offers repositioning. It's durable, dependable, and easy to install.

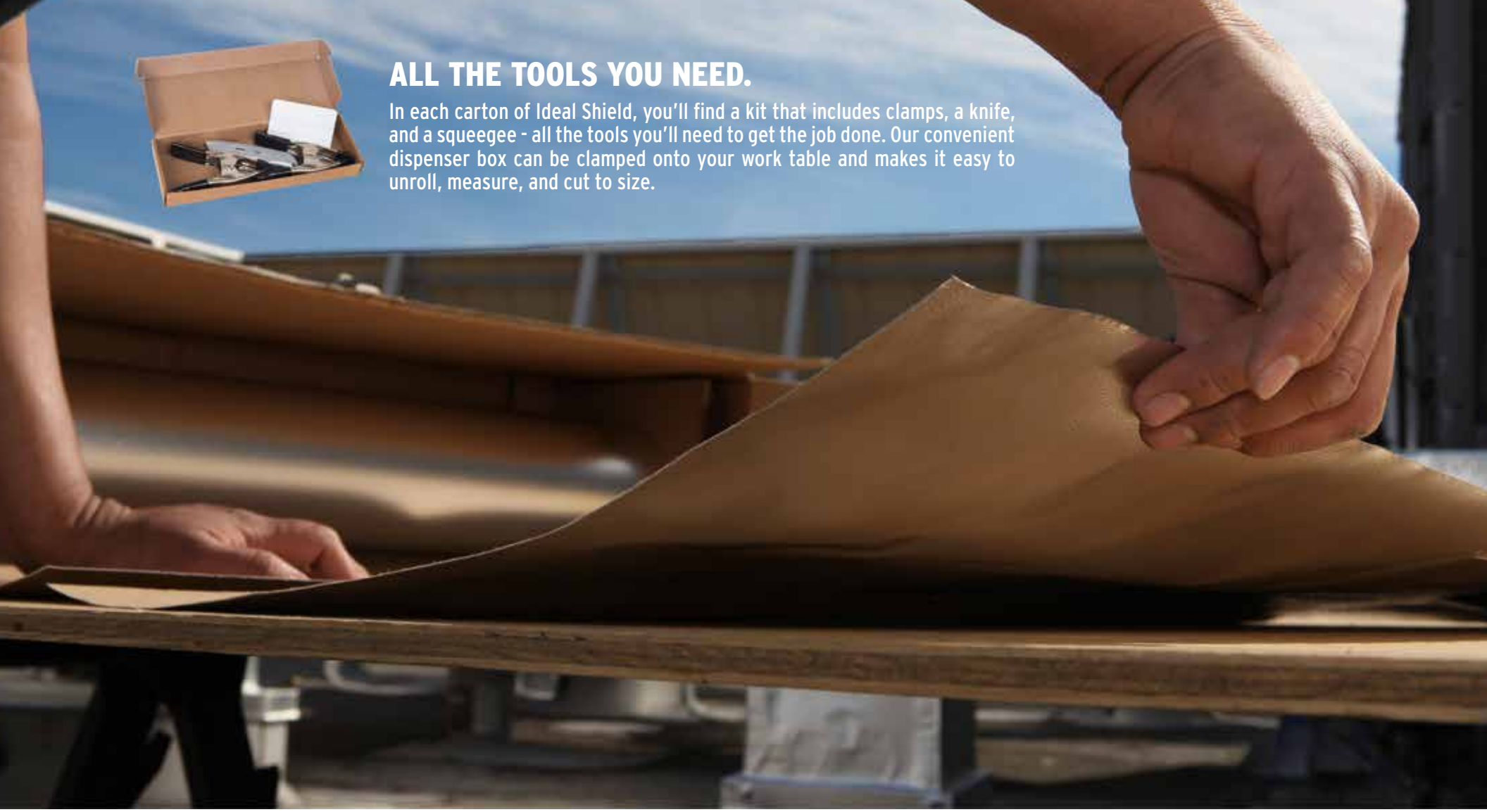
WHITE JACKETING
EMBOSSED OR GLOSS

- ➔ Meets ASTM C1775, Class 2
- ➔ Tested in accordance with UL 723
- ➔ Zero perm vapor barrier
- ➔ 10-year warranty
- ➔ Application temperature -20°F to 160°F
- ➔ Service temperature -70°F to 250°F
- ➔ Compliant with FDA regulation CFR 175.105 for indirect food contact

Stock Roll Size 35.25" X 50 yds • 30 per Pallet • When Properly Stored, Shelf Life Is 24 Months

PHYSICAL PROPERTIES	EMBOSSED VALUES	GLOSS VALUES	TEST METHOD
Thickness, mils (μm)	10 (254)	8 (203)	PSTC-133
WVTR, Perm (metric perm)	0.00 (0.00)	0.00 (0.00)	ASTM E96 Procedure B
Puncture, lbs (n)	29 (129)	29 (129)	ASTM D1000
Mullen Burst, psi (kpa)	220 (1,517)	220 (1,517)	ASTM D774
Tensile Strength (N/mm)	65 (11)	65 (11)	ASTM D882
Peel Adhesion oz/in (N/m)	70 (766)	85 (930)	PSTC-101
Low Temp. Exposure °F (°C)	-40 (-40)	-40 (-40)	ASTM C1263
High Temp. Exposure °F (°C)	240 (116)	240 (116)	ASTM C1263
Dimensional Stability (%)	0.15	0.15	ASTM D1204
Weather Resistance, Pass/Fail	Pass	Pass	ASTM G154, cycle 1, 1000 hrs
Water Resistance, Pass/Fail	Pass	Pass	24 Hrs @ 73°F (23°C)
Fungi Resistance, Pass/Fail	Pass	Pass	ASTM C1338
Thermal Emittance	0.89	0.89	ASTM C1371
Surface Burning Characteristics, Flame Spread/Smoke Developed	5/10	0/5	ASTM E84

ALL-WEATHER WARRIOR



ALL THE TOOLS YOU NEED.

In each carton of Ideal Shield, you'll find a kit that includes clamps, a knife, and a squeegee - all the tools you'll need to get the job done. Our convenient dispenser box can be clamped onto your work table and makes it easy to unroll, measure, and cut to size.

IDEAL SHIELD®

To learn more about Ideal Shield, visit www.idealtape.com. Download technical data sheets, view the installation guide, and watch an instructional video of Ideal Shield in action.

DOMESTIC MANUFACTURING

Ideal Shield is proudly made in America from U.S. sourced materials. We are positioned to provide quick and convenient service across the country.

ABI Tape

IDEAL TAPE®

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