

Product Description

Victory Clad 500 Smooth Aluminum is a self-adhering 5-Ply Zero Perm Jacketing system coated with an aggressive Acrylic Adhesive providing excellent Adhesion in Extreme Weather Conditions. Victory Clad provides a Zero Perm Rating for outstanding Weatherproofing Properties, protecting your systems from moisture infiltration on ductwork and piping. Victory Clad 500 is strong, durable and Weather resistant, providing excellent protection against Corrosion Under Insulation (CUI). The embossing pattern aids in light diffusion, while providing a pleasing aesthetics to ductwork and piping systems. The technically advanced adhesive system is suitable for applications in Extreme Temperature conditions (-94°F to +284°F).

Product Data

Item	Value	Standard	Characteristics & Advantages
PRODUCT THICKNESS	7.08 mils		<ul style="list-style-type: none"> • External & internal applications • Proven UV resistance, 10 years+ • Increased puncture resistance • Resistant to a range of chemicals • 15/35 ASTM E84 / UL723 rated • Extends life of Ductwork and piping systems lowering maintenance costs
TENSILE STRENGTH	70 lb/in	EN 527-3	
ELONGATION	>60%	EN 527-3	
WATER PERMEABILITY	0.00 Perm	ASTM F1249 ISO 15106-2	
PUNCTURE RESISTANCE	25 lbs	DIN EN 14477	
SERVICE TEMPERATURE	-94°F to +284°F		
APPLICATION TEMPERATURE	-22°F to +266°F		
UV TESTING	10 Years plus	ASTM G26A / ISO 4892-2	
FIRE RATING	15/35	ASTM E84 / UL723 EN ISO 13501-1: B S ₂ D ₀ IMO Resolution MSC 307 (88) (2010 FTP Code)	
	5/15	CAN/ULC-S102	

Product Range & Sizes

Name	Color	Finish	Mils	Emissivity Value	Width (in)	Length
VC 500	Aluminum	Smooth	7.08 Mils	0.04	35.5	50 Yards

Adhesive

"Extreme Weather" Solvent Based Acrylic

Contact Details

North America Manufacturers Representatives:

The Miller Group, Inc.
(800) 664-7030

Victory Tapes, Inc
 PO Box 101265
 Chicago, IL 60610
www.victoryclad.com

Installation Guide

Surface Preparation

All surfaces are to be dry, clean free from dirt, dust, grease, oils, silicones and other contaminants. All exposed fibrous insulation should be covered by foil tape and/or matching facing tapes. All tapes should be properly secured to provide a smooth and even surface to allow an even and smooth application of Victory Clad jacketing. All insulation materials must be securely fastened to industry standards to prevent movement or shifting of the insulation material.

Application

Victory Clad jacketing is pressure sensitive and requires the use of a plastic squeegee applicator to properly activate the adhesive. Victory Clad requires firm and even pressure is to achieve a permanent bond. When placing the cut piece of Victory Clad into position, partially peel back the liner to allow correct positioning and then rub down using your hand, continue to peel back the liner while applying pressure evenly to prevent or minimize creasing and air pockets. Once the full piece has been evenly applied, use the plastic applicator to apply pressure evenly to the entire surface. Continue with your next piece of Victory Clad making sure you achieve a minimum of a 3" overlap on the previous piece and apply pressure to ensure a strong weatherproof seal. Victory Clad should be applied using standard water shed practices. Ductwork over 24" wide should be pitched to allow proper water drainage. Detailed installation instructions are available upon request.

Method Statement & Shelf Life Statement

Victory Clad Inc., provides detailed method statements for use in various applications, and are available upon request. These must be referred to prior to commencing work. Shelf life 2years plus.

Legal Notices

The information and in particular the recommendations relating to the applications and end-use of Victory Clad products are given in good faith based on Victory Clad years of applications and experience and current knowledge of the products materials, substrates and actual Installations. Any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Victory Clad reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Current Product Data Sheets.