

Adhesive-Lined Crosslinked Polyolefin Tape



HDV Tape

Adhesive-lined, heat shrinkable duct and vacuum tape specifically designed for sealing joints and spiral, flexible, or flat-oval ducts used in heating, ventilating, air conditioning and exhaust recovery systems.



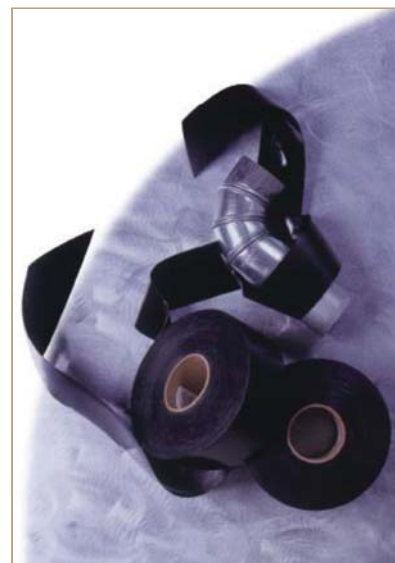
DV Tape Width		Duct DIA Application Range		Standard Length		Recommended Minimum Joint Overlap	
mm	in	mm	in	m	ft	mm	in
50	2	50 - 250	2 - 10	25	82	50	2.0
75	3	280 - 500	11 - 20	25	82	63	2.5
100	4	550 - 1000	22 - 40	25	82	75	3.0
100	4	1050 - 1500	42 - 60	25	82	100	4.0

Features

- Eliminates air leakage in Vacuum and Ventilation Systems
- Seals against moisture ingress and other contaminants
- Powerful adhesive bonds to galvanized steel, aluminium and stainless steel
- Effective, reproducible seal allows for resistance to bending, vibrations and other mechanical stresses over a wide range of temperatures
- Application procedure is quick, simple and clean
- Operating temperature range: -25°C to 45°C
- Shrink temperature: 120°C

Installation Notes:

Cut the HDV Tape to the circumference of the duct plus the recommended overlap noted in the table above. HDV Tape is supplied with the adhesive face up on the roll. Wrap around the joint and hold in place. Upon application of heat using a heat gun, the tape shrinks tightly around the joint, forcing the melted adhesive to flow in surface contours, spiral seams or corrugations. After cooling, the adhesive solidifies and bonds tenaciously to galvanized steel, aluminium or stainless steel. The ducting can be handled immediately after cooling.



Technical Data

Physical Properties

Backing	Test Method	Typical Performance	Adhesive	Test Method	Typical Performance
Tensile Strength	ASTM D638	2500 psi (17.2 MPa)	Softening Point	ASTM E28	72°C
Elongation	ASTM D638	600%	Peel Strength:		
Hardness	ASTM D2240	50 Shore D	To Galvanized Steel	STM C8	10 pli
Heat Aging (168hrs @ 150°C)			Lap Shear Strength	STM C9	25 psi
Tensile Strength	ASTM D638	2400 psi (16.5 MPa)	Low Temp. Flexibility	ASTM D2671	-30°C
Elongation	ASTM D638	500%	Electrical		
Environ. Stress Cracking	ASTM D1693	Pass, 30 days 50°C, 10% IGEPAL	Dielectric Strength	ASTM D149	660V/mil (26kV/mm)
% Recovery	STM C3	10%	Volume Resistivity	ASTM D257	10 ¹⁵ Ωhm-cm

Tape Thickness - All Widths

Backing		Adhesive		Total	
mm	in	mm	in	m	ft
0.46	0.018	0.66	0.026	1.12	0.044