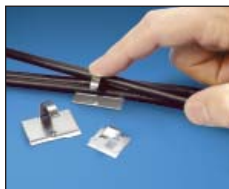# High Bond Adhesive Backed Cord Clips

specifications

High bond adhesive backed cord clips (metal or heat stabilized weather resistant nylon 6.6) shall utilize multi-purpose acrylic adhesive on both sides of conformable foam. The adhesive shall provide excellent adhesion to a broad range of high and medium surface energy substrates including metals, glass, and a wide variety of plastics. The conformable foam shall provide good contact, even with mismatched substrates.*

Metal High Bond Adhesive Backed Cord Clips

0.25" (6.4mm) max. bundle diameter: MACC25-AV-D

0.62" (15.7mm) max. bundle diameter: MACC62-AV-C

Heat Stabilized Weather Resistant Nylon 6.6 High Bond Adhesive Backed Cord Clips

0.19" (4.8mm) max. bundle diameter: ACC19-AV-M300

0.38" (9.6mm) max. bundle diameter: ACC38-AV-M300

0.62" (15.7mm) max. bundle diameter: ACC62-AV-D300

technical information

Material:	MACC: Hot-Dipped Galvanized Steel with High Bond Adhesive ACC: Heat Stabilized Weather Resistant Nylon 6.6 with High Bond Adhesive
Temperature range:	-31°F (-35°C) to 200°F (93°C) continuous
Solvent and fuel resistance:	Water, salt water, hydraulic fluid, 10W30 motor oil, glycol antifreeze – 100% adhesive retention; kerosene – 90% adhesive retention, isopropyl alcohol, jet fuel – 50% adhesive retention, gasoline – 35% adhesive retention
Environmental compliance:	RoHS compliant
Application environment:	MACC: indoor only ACC: indoor/outdoor

key features and benefits

High bond adhesive	Provides maximum adhesion, especially in harsh, high temperature, and outdoor environments; extending service life
Smooth surfaces and rounded edges	Protect the cable bundle and the installer; improving productivity, job site safety, and reliability
Flexible, lightweight material	Easily handled; improving productivity
One-piece design	Eliminates the need for screws, rivets, and nut-and-bolt assemblies, installs by hand with low insertion force; lowering installed cost, improving productivity, and minimizing fatigue

applications

Panduit high bond adhesive backed cord clips are a reliable and cost-effective solution for securing wires and cables in demanding applications, such as harsh environments. These clips can be utilized in the alternative energy, mass-transit rail, control panel, marine, heavy equipment, white goods, and automotive industries. The conformable nature of the acrylic foam core allows for a strong bond to a variety of substrates. This tape has also demonstrated excellent performance when bonding to relatively irregular surfaces.*

*Portions of this material were reproduced from the 3M VHB Conformable Acrylic Foam Tape 4936 and 4941 Product Data Sheets.

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High Bond Adhesive Backed Cord Clips

ordering information

Metal High Bond Adhesive Backed Cord Clips

Part Number	Material	Adhesive Type	Maximum Bundle Diameter		Length		Width		Clip Width		Std. Pkg. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm	
MACC25-AV-D	Hot-Dipped Galvanized Steel	High Bond Acrylic VHB‡	0.25	6.4	0.77	19.6	0.54	13.7	0.29	7.4	500
MACC62-AV-C			0.62	15.7	1.18	30.0	0.78	19.7	0.29	7.4	100

Heat Stabilized Weather Resistant Nylon 6.6 High Bond Adhesive Backed Cord Clips

Part Number	Material	Adhesive Type	Maximum Bundle Diameter		Length		Width		Height		Std. Pkg. Qty.
			In.	mm	In.	mm	In.	mm	In.	mm	
ACC19-AV-M300	Black Heat Stabilized Weather Resistant Nylon 6.6	High Bond Acrylic VHB‡	0.19	4.8	0.76	19.3	0.63	16.0	0.25	6.5	1000
ACC38-AV-M300			0.38	9.6	1.00	25.4	1.00	25.4	0.40	10.2	1000
ACC62-AV-D300			0.62	15.7	1.24	31.4	1.12	28.5	0.65	16.5	500

applications techniques*

1. Bond strength is dependent upon the amount of adhesive to surface contact developed. Firm application pressure develops better adhesive contact and thus improves bond strength.

2. To obtain optimum adhesion, the bonding surfaces must be clean, dry, and well unified. A typical surface cleaning solvent is isopropyl alcohol and water. Use proper safety precautions for handling solvents.

3. Ideal tape application temperature range is 21°C to 38°C (70°F to 100°F). Initial tape application to surfaces at temperatures below 15°C is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

NOTE: Some paint systems and plastics contain additives which can influence adhesion. Adhesion to these surfaces should be evaluated carefully; the effects of these additives can often be overcome by proper cleaning and surface preparation. High humidity/high temperature environments can also affect adhesion to glass due to the hydrophilicity of glass. Under these environments a silane coupling agent (adhesion promoter) has been found to enhance the durability and strength of the bond.

‡VHB is a trademark of 3M.
*This information was reproduced from the 3M VHB Conformable Acrylic Foam Tape 4936 Product Data Sheet.

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