



Adhesive Cable Tie Mount

Technical Specifications

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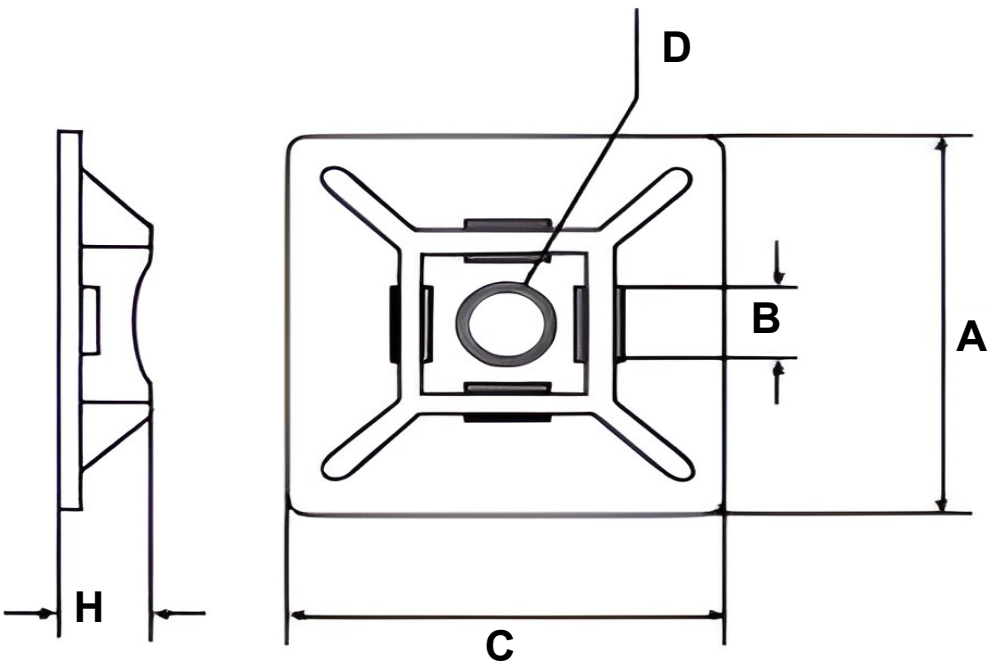
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Overview

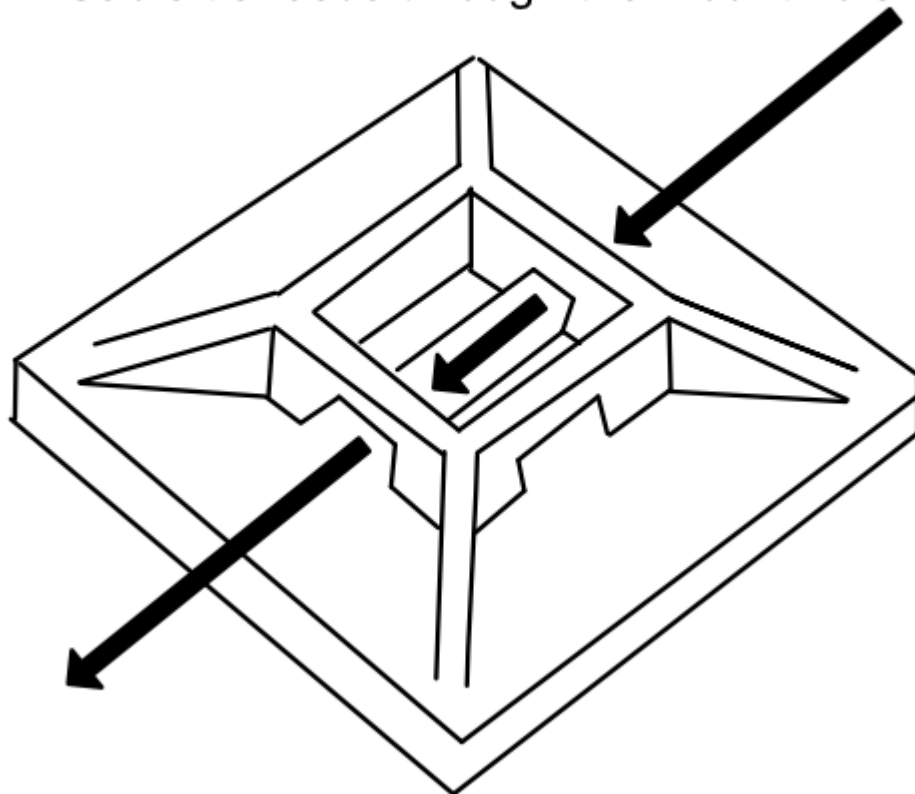
Kable Kontrol Adhesive Cable Tie Mounts are constructed of a specialized *DuPont, Ascend* Nylon 6/6 resin. This material assumes durability and moderate chemical resistance. The product also features an acrylic adhesive backing for securing to the surface. A self-tapping screw can be used for extra security (Fig 1.2). The operating temperature of this material is -40 to +185°F. All packs contain 100 pieces.

Adhesive Cable Tie Mounts in their black color have significant UV resistance. The UV resistance is equivalent to 12 years of weather exposure. In addition to its weather proof, both color options of Adhesive Cable Tie mounts are waterproof.

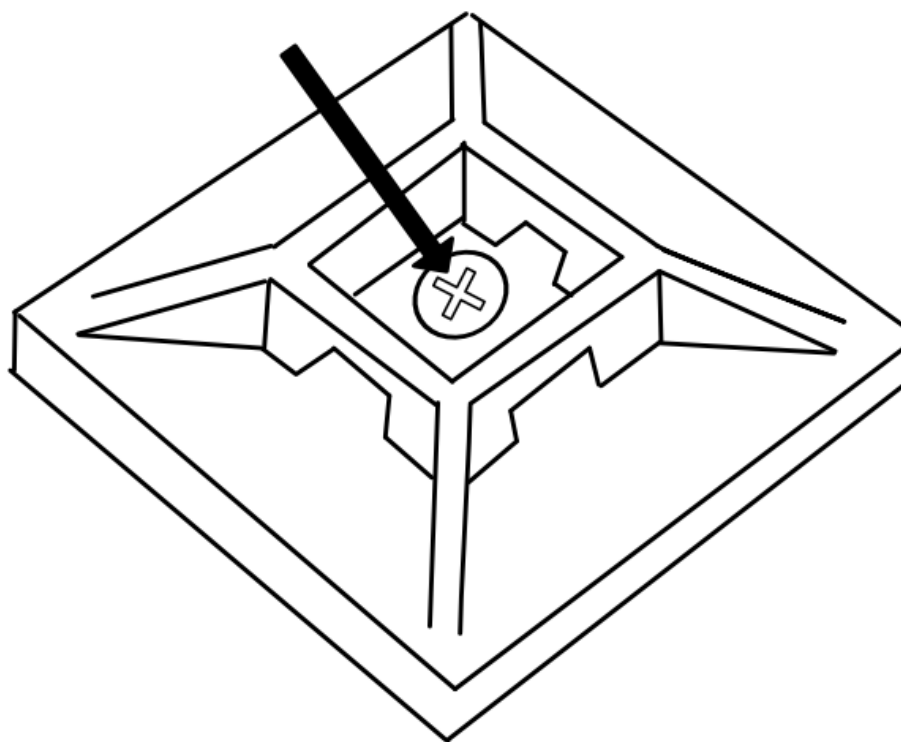


SKU	A	B	C	D	H	UL Listed
CT280 / CT280-B	1.06"	0.2"	1.06"	0.2"	0.2"	E530766
CT281	0.5"	0.126"	0.5"	-	0.126"	-
CT282	0.5"	0.126"	0.5"	-	0.126"	-
CT283 / CT284	0.75"	0.177"	0.75"	0.126"	0.154"	E530766
CT285 / CT286	1.5"	0.394"	1.5"	0.197"	0.2295"	-

Cable tie feeds through the mount hole



Insert self-tapping screw for extra security to surface



UV Resistance

Kable Kontrol Adhesive Cable Tie Mounts (in black color ONLY), hold excellent UV resistance due to its carbon infusion. This product is ideal for applications with high UV exposure and has UV strength equivalent to 12 years of weather resistance.

Chemical Resistance

Kable Kontrol Adhesive Cable Tie Mounts exhibit good resistance to many bases, oils, greases, oil derivatives, and chloride solvents, making it suitable for applications exposed to these substances. However, its resistance to acids is limited and has no resistance to phenols. For this reason, Kable Kontrol Adhesive Cable Tie Mounts are ideal for a variety of applications.

Flame Resistance

Kable Kontrol Adhesive Cable Tie Mounts have a raw material flammability rating of UL 94 - V2, meaning it is slowly self-extinguishing but may still drip flaming particles. It is not highly flame-resistant, making it unsuitable for applications requiring high fire safety standards.

Polyamide-based materials such as this can generate moderate smoke and toxic fumes when burned, depending on the specific combustion conditions. Proper ventilation and fire precautions are recommended when processing or using the material in high-temperature environments.

Effects of Heat Aging

Kable Kontrol Adhesive Cable Tie Mounts have good thermal stability, especially in their black color, with short-term resistance up to 230°F and recommended continuous use at -40–185°F. However, prolonged heat exposure can cause oxidation, embrittlement, loss of tensile strength, increased brittleness, and discoloration. Over time, this heat aging effect weakens the material, making it less durable in high-temperature applications.

Hydrolytic Absorption

Kable Kontrol Adhesive Cable Tie Mounts have humidity absorption of 2.7% - 2.8% (23°C -50% R.H.).

Loss of Weight with Aging

Kable Kontrol Adhesive Cable Tie Mounts may experience slight weight loss due to outgassing or degradation of additives, especially under heat or radiation. However, the loss of weight is typically minimal unless exposed to harsh conditions over long periods. The more significant effects are usually mechanical property degradation rather than mass loss.

Kable Kontrol Adhesive Cable Tie Mounts Possess the following UL certifications:

- UL Listed, File E530766

Kable Kontrol Adhesive Cable Tie Mounts comply with REACH regulations.

REACH is a European Union Regulation designed to ensure the safe use of chemical to protect human health and the environment. This regulation is managed by the European Chemicals Agency (ECHA). REACH requires manufacturers, importers, and users of chemicals to register, assess, and manage risks associated with substances produced or imported in quantities over one ton per year.

Kable Kontrol Adhesive Cable Tie Mounts comply with RoHS regulations.

RoHS is a European Union Regulation that restricts the use of 10 hazardous substances in electrical and electronic equipment. It aims to reduce environmental pollution and protect human health by limiting toxic materials.

Kable Kontrol Adhesive Cable Tie Mounts Possess meet the following standards of the European Low Voltage Directive:

- TUV Approval: EN62275:2015