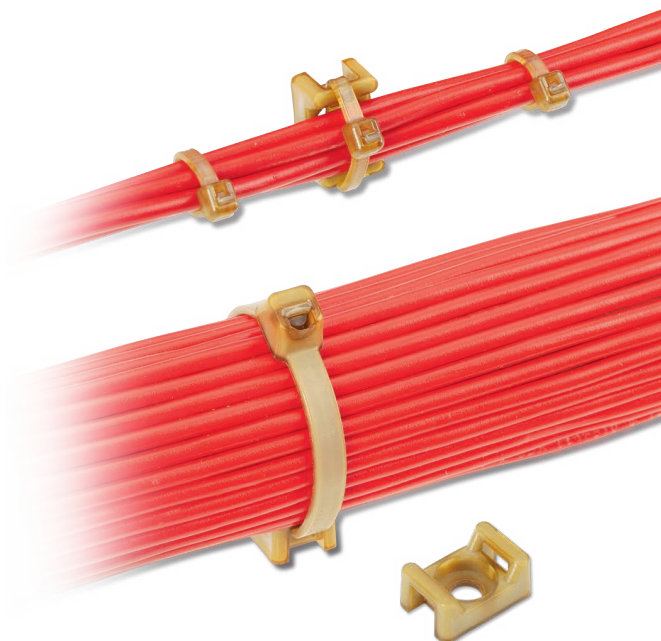


High Temperature Polyetheretherketone (PEEK) Panduit® Cable Ties and Mount

PEEK Cable Ties and mount are ideal for use in high temperature and harsh chemical environments. PEEK is a dimensionally stable material that offers an excellent tensile rating with an operating temperature up to 500°F (260°C). It is halogen free, generating low smoke and toxicity upon burn, contributing to improved workplace safety. It has excellent chemical resistance to almost all organic and inorganic chemicals and is extremely resistant to high levels of gamma radiation for a long-term bundling solution. PEEK cable ties and mount can be used in a broad range of applications and environments including Oil and Gas, Automotive and Aerospace.



Key Features

Benefits

Material

High Temperature Polyetheretherketone (PEEK) material	Operating temperature range up to 500°F (260°C); maintains good tensile strength in high temperature environments
Chemical resistant material	Withstands attack from most organic and inorganic chemicals; able to be used in harsh chemical environments, providing a long-term bundling solution
Gamma radiation resistant material	Maintains mechanical properties when exposed to high levels of gamma radiation; maintains tensile properties, providing longer useful life
Good electrical isolation properties	Non-metallic material provides an alternative to conductive fasteners; safe to use where a non-conductive material is specified and/or required
Low water absorption	Non-hygroscopic material provides excellent moisture resistance; won't absorb water in humid/steam environments; maintains dimensional stability and tensile strength

Cable Tie

Cable tie design	Threads easily and installs quickly compared to lacing cord, which requires time consuming, hand-tied knots that can lead to repetitive strain injuries
Curved tip – applicable sizes	Easy to pick up from flat surfaces; allows faster threading

Mount

Mount cradle design	Provides maximum stability for the cable bundle
Low profile design	Keeps bundle close to mounting surface where overhead space is limited

Technical Information

Oxygen index	35
Radiation resistance	1 x 10 ⁹ Rads
Continuous use temperature	-76° – 500°F (-60° – 260°C)
Halogen free	Yes
RoHS compliant	Yes
Military specification	Yes

High Temperature Polyetheretherketone (PEEK) Panduit® Cable Ties and Mount

Applications

Applications for PEEK product include, but are not limited to, the following:

- Drilling down-hole electronics
- Nuclear power plants
- Vacuum ovens for optics
- Commercial cooking equipment
- High temperature lighting
- Industrial ovens
- Transformers and transducers
- Wire harnesses for harsh environments
- Chemical manufacturing
- Transportation

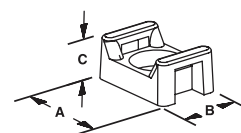
Ordering Information

Cable Ties

Part Number	Length In. (mm)	Width In. (mm)	Thickness In. (mm)	Head Height In. (mm)	Head Width In. (mm)	Max. Bundle Diameter In. (mm)	Min. Loop Tensile Strength Lbs. (N)	Recommended Tools	Std. Pkg. Qty.	Std. Ctn. Qty.
Miniature Cross Section										
PLT1M-C71	4.0 (101.6)	0.101 (2.6)	0.048 (1.2)	0.130 (3.3)	0.190 (4.8)	0.87 (22)	35 (156)	GTS-E, GS2B-E, PTS	100	1000
PLT1.5M-C71	5.90 (149.9)	0.101 (2.6)		0.130 (3.3)	0.190 (4.8)	1.38 (35)			100	1000
Standard Cross Section (Straight Tip)										
PLT2S-C71	7.4 (188)	0.190 (4.8)	0.055 (1.4)	0.240 (6.1)	0.320 (8.1)	1.88 (48)	150 (668)	GTS-E, GTH-E, GS2B-E, GS4H-E, PTS, PTH	100	1000

Cable Tie Mount

Part Number	Used With Cable Ties	A Length In. (mm)	B Width In. (mm)	C Height In. (mm)	Counterbore Diameter In. (mm)	Mounting Method	Std. Pkg. Qty.*	Std. Ctn. Qty.*
TM2S8-C71	Min., Std.	0.636 (16.2)	0.427 (10.8)	0.278 (7.1)	0.335 (8.5)	#8 (M4) screw	100	500



Related products



Part Numbers	Used with PEEK Cable Ties	Description	Std. Pkg. Qty.
Tool Controlled Tension and Cut-Off Tools			
GTS-E, GS2B-E	Miniature, Standard	Tool controlled tension tools consistently provide flush tie cut-offs to speed installation.	1
GTH-E, GS4H-E	Standard		1

*Order number of pieces required, in multiples of standard package quantity.

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