

Bundling & Securing

Standard Cable Ties - Special Materials

PAEK High-Heat Cable Management Solutions

PAEK (polyaryletherketone) is an ultra-performance thermoplastic that is uniquely suited to high heat applications. Its superior heat resistance, outstanding strength and chemical resistance make it an ideal material for cable ties and cable management solutions in engine and powertrain applications in the automotive, aerospace and rail industries. Additionally, PAEK offers considerable cost savings as compared to similar polyketone materials.

PAEK Cable Ties

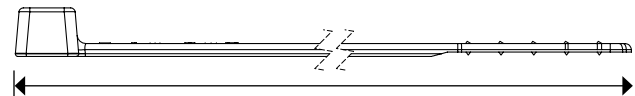
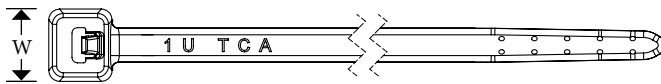
HellermannTyton PAEK cable ties offer very high temperature resistance for use in demanding applications such as in engine compartments, near exhaust components, and in enclosed industrial cabinets. PAEK ties are inside serrated and feature a high performance design that, along with the material, offer extremely high tensile strength for demanding applications.

Material Features & Benefits

- Very high heat resistance up to 200°C (392°F).
- PAEK material has double the tensile strength of nylon.
- Very good chemical resistance against hydrocarbons.



MATERIAL	Polyaryletherketone (PAEK)
Operating Temperature	-67°F to +392°F (-55°C to +200°C)
Flammability	UL94 V0



L

ARTICLE NO.	Part No.	Type	Min. Tensile Strength	Length (L)	Max. Bundle Ø	Width (W)	Color	Pkg. Qty
			lbs. (N)	in. (mm)	in. (mm)	in. (mm)		
111-01670	111-01670	PAT100R	100.0 (445)	5.9 (150.5)	1.38 (35.0)	0.33 (8.4)	Beige (BGE)	100
111-01699	111-01699	PAT100L	100.0 (445)	7.9 (200.6)	2.0 (50.8)	0.33 (8.4)	Beige (BGE)	100

Use Part No. for ordering and Type for specification purposes.

PAEK Fir Tree Mount and Cable Tie Assembly

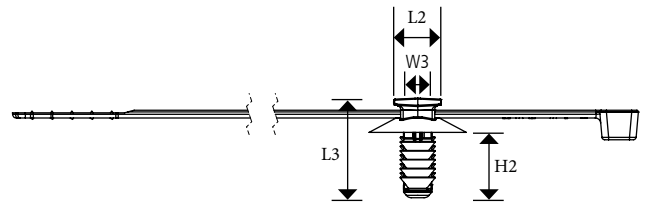
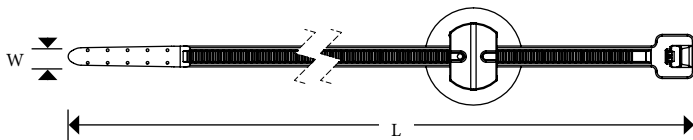
High heat resistant fir tree and cable tie assemblies provide a secure grip in mounting holes. The mount provides low insertion and high extraction force and slides along the cable tie for the proper orientation. Sold as an assembly with the cable tie and mount.

Features and Benefits

- Fir tree push mount offers simple and easy to use method of bundling and fixing cable ties.
- Fir tree design ensures a positive secure fixing into panels with thicknesses from 1.25 mm to 6.0 mm or threaded blind holes.
- High heat resistance offers maximum performance on both fixing surface and area near bundle.



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ARTICLE NO.	Part No.	Type	Cable Tie				Mount					Color	Pkg. Qty
			Min. Tensile Strength	Max. Bundle Ø	Length (L)	Width (W)	Disc Ø	Length (L2)	Length (L3)	Width (W3)	Height (H2)		
			lbs. (N)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)		
156-01555	156-01555	PAT100RFT6LG	100.0 (445)	1.38 (35)	5.9 (150.5)	0.33 (8.4)	0.73 (18.6)	0.35 (9.0)	0.75 (19.2)	0.2 (5)	0.50 (12.6)	Beige (BGE)	500
156-01513	156-01513	PAT100LFT6LG	100.0 (445)	1.97 (50)	7.9 (200.6)	0.33 (8.4)	0.73 (18.6)	0.35 (9.0)	0.75 (19.2)	0.2 (5)	0.50 (12.6)	Beige (BGE)	500

Use Part No. for ordering and Type for specification purposes.

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Warranty Policy HellermannTyton products are warranted to be free from defects in material and workmanship at the time sold by us; but our obligation under this warranty and that of the seller is limited to the replacement of the product, and neither we nor the seller are bound by any other warranty, expressed, implied or statutory. Under no circumstances are we or the seller liable for any loss, damage, expenses or consequential damages of any kind arising out of the use or inability to use these products. All are sold with the understanding that the user will test them in actual use and determine their adaptability for the intended uses.