

**ekabel®**

*Cable Management  
Ties, Clips, Plugs*



# SERIE B-FT-T70

## Polyamide 6.6 Cable Tie


**Material:** Polyamide 6.6 standard (with UV-resistant additive for black and colored)

**Operating temperature:** -40°C to 85°C

- Polyamide 6.6 / -40°C up to 85°C
- Tested under ASTM-G155:13 for UV resistance (black and colored)
- Special additives in order to avoid chemical degradation
- Low insertion force
- UL94 V2 Flammability test approved
- Raw an recycled material comply with requested standards

All enlisted ties are natural colored. For different colors add the following appendix to part No.

**For UV resistant properties shall be black or colored.**

Black	-B	
Blue	-A	
Red	-R	
Orange	-O	
Yellow	-Y	
Green	-G	

EKABEL P. Number	Lenght x Width (mm) / (in.)	Ø Bundle max. (mm) / (in.)	Minimum brakdown stregrtn		
			Kgf	Lbs	N
B-FT-T7008	82 X 2.3 / 3.2 X 0.1	16 / 0.6			
B-FT-T7010	100 X 2.5 / 3.9 X 0.1	22 / 0.9			
B-FT-T7014	150 X 2.5 / 5.9 X 0.1	33 / 1.3			
B-FT-T7019	209 X 2.5 / 8.2 X 0.1	55 / 2.2			
B-FT-T7038	380 X 2.5 / 15 X 0.1	100 / 3.9	8,2	18	80
B-FT-T7015	151 X 3.7 / 5.9 X 0.1	37 / 1.5			
B-FT-T7020	202 X 3.7 / 8.0 X 0.1	51 / 2			
B-FT-T7031	300 X 3.7 / 12 X 0.1	80 / 3.1			
B-FT-T7038	300 X 3.7 / 12 X 0.1	102 / 4	13,6	30	135
B-FT-T7016	160 X 4.8 / 6.3 X 0.2	39 / 1.5			
B-FT-T7018	180 X 4.8 / 7.1 X 0.2	45 / 1.8			
B-FT-T7023	200 X 4.8 / 7.9 X 0.2	51 / 2			
B-FT-T7024	238 X 4.8 / 9.4 X 0.2	60 / 2.4			
B-FT-T7028	283 X 4.8 / 11 X 0.2	76 / 3			
B-FT-T7034	340 X 4.8 / 13 X 0.2	95 / 3.7			
B-FT-T7039	400 X 4.8 / 16 X 0.2	114 / 4.5			
B-FT-T7050	500 X 4.8 / 20 X 0.2	140 / 5.5	22,7	50	225
B-FT-T7022	220 X 7.6 / 8.7 X 0.3	50 / 2			
B-FT-T7030	300 X 7.6 / 12 X 0.3	80 / 3.1			
B-FT-T7040	387 X 7.6 / 15 X 0.3	110 / 4.3			
B-FT-T7075	760 X 7.6 / 30 X 0.3	225 / 8.9	54,4	120	535
B-FT-T7053	535 X 8.8 / 21 X 0.3	150 / 5.9			
B-FT-T7076	765 X 8.8 / 30 X 0.3	225 / 8.9			
B-FT-T70109	1095 X 8.8 / 43 X 0.3	330 / 13	68	150	670
B-FT-T7025	230 X 12.4 / 9.1 X 0.5	50 / 2	100	220	980
B-FT-T7054	536 X 13.7 / 21 X 0.5	147 / 5.8	115	250	1115

\*Black ties can be manufactured with differen raw materials as well as PA 6.6HS and PA 4.6 under request

\*\* All colored ties comply with UV-resinant tests

The information in this data sheet is subject to change without notice.

# SERIE B-FT-TSCP

## Polyester Coated Stainless Steel Cable Tie

**Material:** AISI 316L stainless steel with polyester coated tipe

**Operating temperature:** -40°C to 150°C

Polyester coated stainless steel cable ties are especially suitable for marine applications. They have high resistance to corrosion and weather.

- AISI 316L steel
- Good resistance to UV rays and sea air
- Fully coated, avoiding chemical damage
- Very easily installation process
- Do not hurt the operator or fixed components
- Raw material chemical resistance



EKABEL P. Number	Lenght (mm) / (in.)	Width (mm) / (in.)	Ø Maximum Bundling (mm) / (in)	Minimum breakdown strengtn		
				Kgf	Lbs	N
B-FT-TSCP0127	127 / 5	4,6 / 0,2	4,6 / 0,2			
B-FT-TSCP0201	201 / 7,9	4,6 / 0,2	4,6 / 0,2			
B-FT-TSCP0259	259 / 10,2	4,6 / 0,2	4,6 / 0,2			
B-FT-TSCP0362	362 / 14,3	4,6 / 0,2	4,6 / 0,2			
B-FT-TSCP0521	521 / 20,5	4,6 / 0,2	4,6 / 0,2			
B-FT-TSCP0681	681 / 26,8	4,6 / 0,2	4,6 / 0,2	110	242	1078
B-FT-TSCP0838	838 / 33	4,6 / 0,2	4,6 / 0,2			
B-FT-TSCP0998	998 / 39,3	4,6 / 0,2	4,6 / 0,2			
B-FT-TSCP1156	1156 / 45,5	4,6 / 0,2	4,6 / 0,2			
B-FT-TSCP1205	1205 / 47,4	4,6 / 0,2	4,6 / 0,2			
B-FT-TSHCP0201	201 / 7,9	7,9 / 0,3	7,9 / 0,3			
B-FT-TSHCP0259	259 / 10,2	7,9 / 0,3	7,9 / 0,3			
B-FT-TSHCP0362	362 / 14,3	7,9 / 0,3	7,9 / 0,3			
B-FT-TSHCP0521	521 / 20,5	7,9 / 0,3	7,9 / 0,3			
B-FT-TSHCP0681	681 / 26,8	7,9 / 0,3	7,9 / 0,3	230	506	2254
B-FT-TSHCP0838	838 / 33	7,9 / 0,3	7,9 / 0,3			
B-FT-TSHCP0998	998 / 39,3	7,9 / 0,3	7,9 / 0,3			
B-FT-TSHCP1156	1156 / 45,5	7,9 / 0,3	7,9 / 0,3			
B-FT-TSHCP1205	1205 / 47,4	7,9 / 0,3	7,9 / 0,3			
B-FT-TSXHCP0434	434 / 17,1	12,7 / 0,5	12,7 / 0,5			
B-FT-TSXHCP0594	594 / 23,4	12,7 / 0,5	12,7 / 0,5			
B-FT-TSXHCP0754	754 / 29,7	12,7 / 0,5	12,7 / 0,5			
B-FT-TSXHCP0912	912 / 35,9	12,7 / 0,5	12,7 / 0,5	325	715	3185
B-FT-TSXHCP1072	1072 / 42,2	12,7 / 0,5	12,7 / 0,5			
B-FT-TSXHCP1205	1205 / 47,4	12,7 / 0,5	12,7 / 0,5			

**Thickness: 0.40mm to 0.55mm / 0.016in to 0.022in**

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# SERIE B-FT-TS

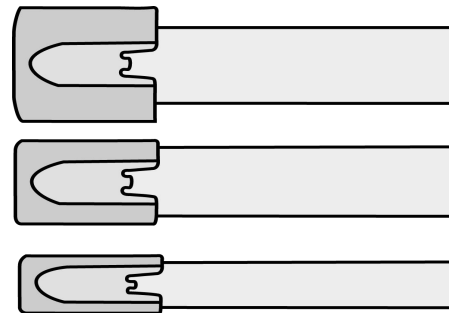
## Stainless Steel Cable Tie

**Material:** AISI 316L stainless steel

**Operating temperature:** -80°C to 538°C

EKABEL stainless steel cable ties were developed for use in harsh environments and conditions and have the following characteristics:

- High mechanical and chemical resistance
- Allow the fixing of the most varied materials and object
- It can be used in extreme temperature situations and in highly corrosive environments.
- It offers great strength and firmness in the ties
- Very easy installation and it has rounded corners that do not harm the operator or the components being repaired.



EKABEL P. Number	Lenght (mm) / (in.)	Width (mm) / (in.)	Ø Maximum Bundling (mm) / (in)	Minimum breakdown strengtn		
				Kgf	Lbs	N
B-FT-TS0127	127 / 5	4,6 / 0.18	25 / 1	110	242	1078
B-FT-TS0201	201 / 8	4,6 / 0.18	50 / 2			
B-FT-TS0259	259 / 10	4,6 / 0.18	69 / 2.75			
B-FT-TS0362	362 / 14	4,6 / 0.18	102 / 4			
B-FT-TS0521	521 / 21	4,6 / 0.18	152 / 6			
B-FT-TS0681	681 / 27	4,6 / 0.18	203 / 8			
B-FT-TS0838	838 / 33	4,6 / 0.18	254 / 10			
B-FT-TS0998	998 / 39	4,6 / 0.18	304 / 12			
B-FT-TS1156	1156 / 46	4,6 / 0.18	355 / 14			
B-FT-TS1205	1205 / 47	4,6 / 0.18	370 / 14.5			
B-FT-TSH0201	201 / 8	7,9 / 0.31	50 / 2	230	506	2254
B-FT-TSH0259	259 / 10	7,9 / 0.31	69 / 2.75			
B-FT-TSH0362	362 / 14	7,9 / 0.31	102 / 4			
B-FT-TSH0521	521 / 21	7,9 / 0.31	152 / 6			
B-FT-TSH0681	681 / 27	7,9 / 0.31	203 / 8			
B-FT-TSH0838	838 / 33	7,9 / 0.31	254 / 10			
B-FT-TSH0998	998 / 39	7,9 / 0.31	304 / 12			
B-FT-TSH1156	1156 / 46	7,9 / 0.31	355 / 14			
B-FT-TSH1205	1205 / 47	7,9 / 0.31	370 / 14.5			
B-FT-TSXH0434	434 / 17	12,7 / 0.5	122 / 4.8			
B-FT-TSXH0594	594 / 23	12,7 / 0.5	173 / 6.8			
B-FT-TSXH0754	754 / 30	12,7 / 0.5	224 / 8.8			
B-FT-TSXH0912	912 / 36	12,7 / 0.5	275 / 10.8			
B-FT-TSXH1072	1072 / 42	12,7 / 0.5	325 / 12.8			
B-FT-TSXH1205	1205 / 47	12,7 / 0.5	370 / 14.5			

**Thickness: 0.40mm to 0.55mm / 0.016in to 0.022in**

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# SERIE B-FT-TP

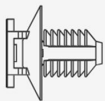
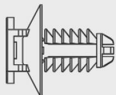
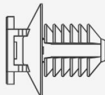
## Polyamide 6.6HS Fixing plugs

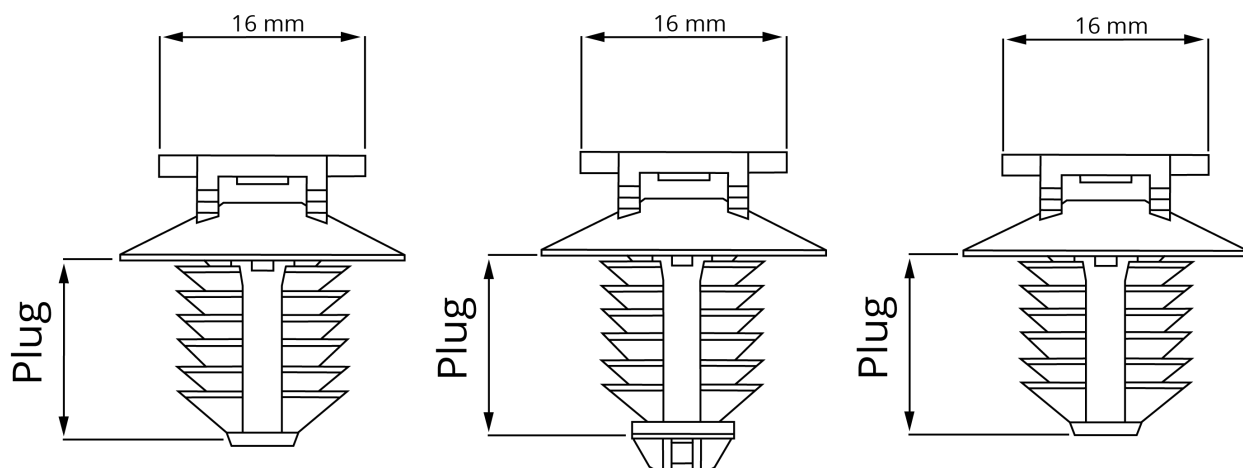
**Material:** Polyamide 6.6HS (Heat stabilized)

**Color:** Black

**Operating temperature:** -40°C to 105°C

Designed to use with conventional ties up 4.8mm (0.19 in) width. Structure with fir tree and disc for use with electrical harnesses fixing in flat or threaded holes and both thin and thick wall. Low insertion force required and high resistance.

E'KABEL P. Number	Plug size (mm) / (in.)	Hole Ø (mm) / (in.)	Sheet thickness (mm) / (in.)	Drawing
B-FT-TP6L	10.7 / 0.4	6.5 - 7.0 / 0.26 - 0.28 M8 Threaded hole	0.8 - 6.0 / 0.03 - 0.24	
B-FT-TP7	12.7 / 0.5	6.5 - 7.0 / 0.26 - 0.28 M8 Threaded hole	0.8 - 7.0 / 0.03 - 0.28	
B-FT-TP8	11.1 / 0.4	7.7 - 8.0 / 0.30 - 0.31 M10 Threaded hole	0.8 - 6.0 / 0.03 - 0.24	



# SERIE B-FT-TP

## Polyamide 6.6HS Fixing plugs

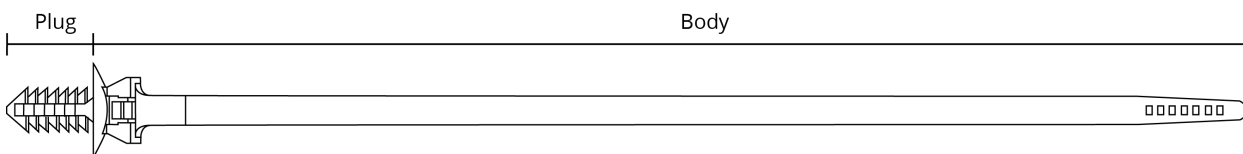
**Material:** Polyamide 6.6HS (Heat stabilized) / Polyamide 6.6 HSIM (Heat stabilized impact Modified)

**Color:** Natural or Black (PA 6.6 HSIM Black only)

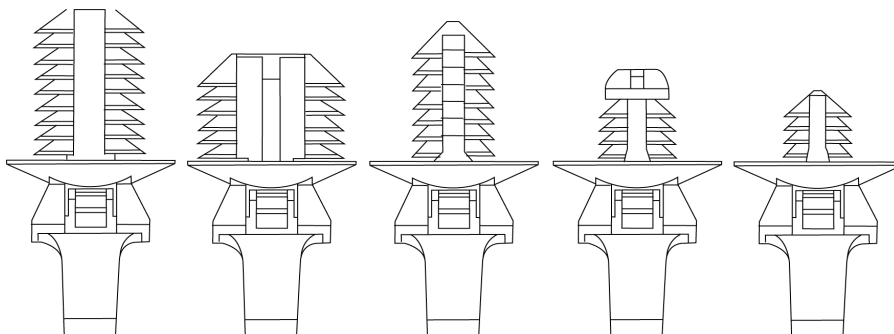
**Operating temperature:** -40°C to 105°C

**Applicable Flammability Standard:** UL94 V2

Designed to use with conventional ties up 4.8mm (0.19 in) width. Structure with fir tree and disc for use with electrical harnesses fixing in flat or threaded holes and both thin and thick wall. Low insertion force required and high resistance.



E'KABEL P. Number	Length mm		Length in		Width mm / (in.)	Bundle Ø max mm / (in.)	Minimum breakdown strength kgf Lbs N	Hole Ø mm / M Threaded hole	Sheet thickness mm / (in.)	Plug type
	Body	Plug	Body	Plug						
B-FT-T58023	198	7.0	7.8	0.3	4.8 / (0.20)	51 / (2.0)	22,7 50 225	Ø 5 mm / M6 Threaded hole	0,7 to 3 / (0.03 to 0.12)	
B-FT-T68023	198	9.3	7.8	0.4				Ø 6,3 TO 7 mm / M8 Threaded hole	0,7 to 2,5 / (0.03 to 0.10)	
B-FT-T6L8023	198	15.0	7.8	0.6				Ø 6,3 TO 7 mm / M8 Threaded hole	0,7 to 7 / (0.03 to 0.28)	
B-FT-T88023	198	17.5	7.8	0.7				Ø 8 ± 0,25 mm / M10 Threaded hole	0,7 to 7 (0.03 to 0.28)	
B-FT-TOB8023	198	11.1	7.8	0.4				6,2 x 12,2 mm	0,7 to 6 / (0.03 to 0.24)	



\*Black ties can be manufactured with different raw materials as well as PA 6.6HS and PA 4.6 under request

\*\* All colored ties comply with UV-resistant tests

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# SERIE B-FT-TCB

## Polyamide 6.6HSUV Edge Fixing Elements

**Material:** Polyamide 6.6HSUV (Heat stabilized and UV protection)

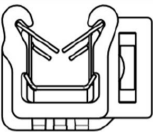
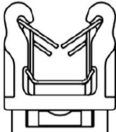
**Metalic Material:** Steel with heart and surface treatments

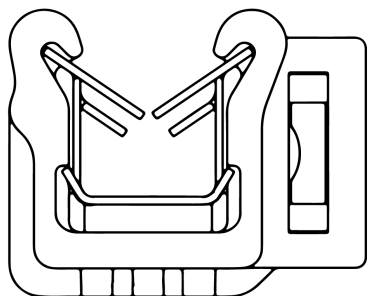
**Color:** Black

**Operating temperature:** -40°C to 105°C

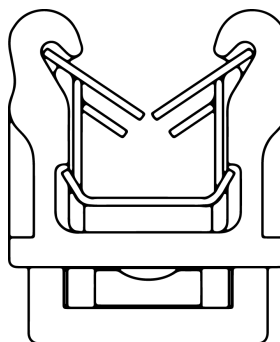
**Applicable Flammability Standard:** UL94 V2

Designed with metallic fixing element embedded into a PA6.6 HSUV frame for correct subjection to edges where there is no possibility to drill holes. This solution provides easy installation with no tools required. As well as weather, heat and UV resistant materials for industrial, automotive and solar environments.

E'KABEL P. Number	Position	Edge thickness (mm) / (in.)
B-FT-TCB13L	A 	Lateral 1.0 - 3.0 / 0,04 - 0,12
B-FT-TCB36L		3.0 - 6.0 / 0,12 - 0,24
B-FT-TCB13S	B 	Superior 1.0 - 3.0 / 0,04 - 0,12
B-FT-TCB36S		3.0 - 6.0 / 0,12 - 0,24



Position A



Position B

\*Black ties can be manufactured with different raw materials as well as PA 6.6HS and PA 4.6 under request

\*\* All colored ties comply with UV-resistant tests

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