

IT Cable Tie with identification plate

Features and Benefits

These cable ties are suitable for the identification and securing of cable bundles, saving valuable installation time by using just one product to both secure and identify. They can be marked either on-site or after bundling has taken place.

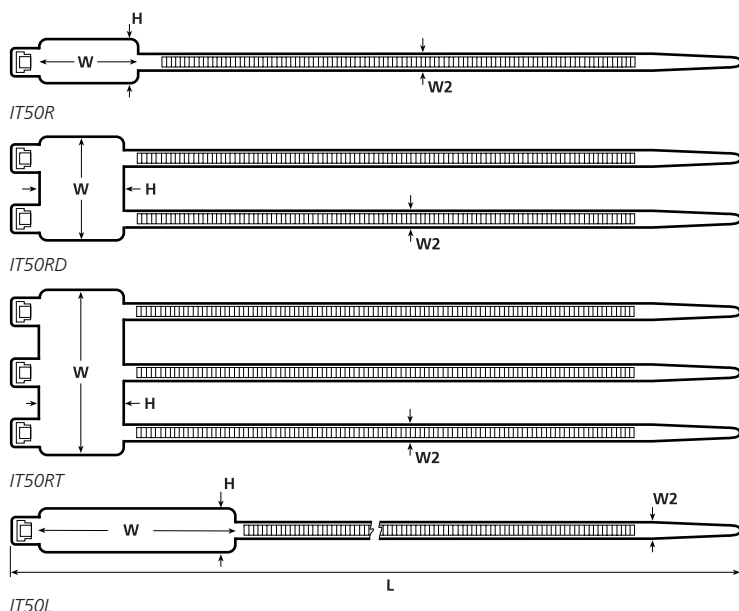
They can be marked manually using the T82S series of indelible marker pens. In addition there is a large selection of labels available for marking.

Application

One of the major benefits is the ability to both secure and identify cable bundles at different times.



One operation with two benefits.



Material Data	
Material	Polyamide 6.6 (PA66)
Colour	Natural (NA), Available on request, Black (BK)
Operating Temperature	-40 °C to +85 °C Continuous, (+105 °C for 500 h)
Flammability	UL94 V2

RoHS (halogenfree)

HF (halogenfree)

Technical diagrams for IT18R and IT18FL models showing dimensions W, H, L, and W2.

They can also be direct-printed using the hot stamping process. **Just ask us.**

Approvals see page 415 Appendix.

Technical Table

Article-No.	Type	Width (W)	Height (H)	Length (L)	Width (W2)	Bundle Ø min.	Bundle Ø max.	Colour	Material	Min. Tensile Strength (N)
111-00373	IT18R	25.0	8.0	100.0	2.3	6.0	22.0	Natural (NA)	PA66	80
111-81821	IT18R	25.0	8.0	100.0	2.3	6.0	22.0	Natural (NA)	PA66	80
111-00115	IT18R	25.0	8.0	100.0	2.3	6.0	22.0	Natural (NA)	PA66	80
111-81919	IT18FL	20.5	9.0	110	2.5	1.5	19.0	Natural (NA)	PA66	80
111-00125	IT50R	28.0	12.9	203.0	4.6	9.5	44.5	Natural (NA)	PA66	225
111-85000	IT50R	28.0	12.9	203.0	4.6	9.5	44.5	Natural (NA)	PA66	225
111-85019	IT50R	28.0	12.9	203	4.6	9.5	44.5	Natural (NA)	PA66	225
111-85219	IT50RD	29.0	26.3	205	4.7	10.0	44.0	Natural (NA)	PA66	225
111-85200	IT50RD	29.0	26.3	205.0	4.7	10.0	44.0	Natural (NA)	PA66	225
111-85119	IT50RT	46.0	26.3	205	4.7	10.0	44.0	Natural (NA)	PA66	225
111-85319	IT50L	12.8	56.0	390	4.7	10.0	100	Natural (NA)	PA66	225
Marker pens T82										
500-50820	T82S-BK	—	—	—	—	—	—	Black (BK)	—	—
500-50822	T82R-RD	—	—	—	—	—	—	Red (RD)	—	—

All Dimensions in mm. Subject to technical changes.



Please Note for Product Specific Approvals please refer to Chapter 7.3

Type	Length	Width	Standards						E.D.F.
			UL	GL	BV	DNV	VG 95387 T04	SAE AS23190 (MIL MS 3367)	
PE180	180	9.0		● ²	● ²				HN-33-S-62/97
RPE275	275	9.0							HN-33-S-62/97
RPE350	350	9.0							HN-33-S-62/97
PE530	535	9.0			● ²				HN-33-S-62/97
LPH175	175	9.0			● ²				
LPH275	100	2.5			● ²				
LPH350	100	2.5			● ²				
CTT20R	100	2.5	● ¹						
CTT60R	205	4.7	● ¹						
LRT230	230	7.6			● ³				
RLT120	340	7.6		● ²	● ²				
RLT150	770	8.9		● ²	● ²				
REL100	100	6.5	● ¹						
REL140	140	7.5	● ¹						
REL250	250	7.5	● ¹						
RT40R	217	3.9	● ¹						
RELK2R	200	4.6			● ²				
RELK2M	250	4.6			● ²				
RELK2I	300	4.6			● ²				
RELK2L	350	4.6			● ²				
RT50R	140	8.6	● ¹						
RT50S	165	4.6	● ¹						
RT250S	230	12.5	● ¹		● ²				
RT250R	516	12.5	● ¹		● ²				
RT250M	570	12.5	● ¹		● ²				
RT250I	729	12.5	● ¹						
RT250L	878	12.5	● ¹						
RT250XL	1025	12.5	● ¹						
T18MR	110	2.3	● ¹						
IT18R	102	2.3	● ¹						
IT18FL	111	2.3	● ¹						
T30MR	160	3.5	● ¹						
T30RSF	165	3.5	● ¹						
IT50RT	203	4.7	● ¹						
T50RD	203	4.7	● ¹		● ²				
IT50L	381	4.7	● ¹						
T50ML	400	4.6	● ¹						
T50MR	215	4.6	● ¹						
T50MS	160	4.6	● ¹						
IT50R	203	4.7	● ¹						
T50RSF	216	4.6	● ¹						
T120MR	400	7.6	● ¹						
KR6/18	180	6.0		● ²					
KR6/35	350	6.0		● ²					
KR8/21	210	8.0		● ²					
KR8/33	330	8.0		● ²					

¹ Polyamide 6.6 (PA66) natural, Polyamide 6.6 Heat stabilised (HS) natural

² Polyamide 6.6 (PA66) natural, Polyamide 6.6 UV Resistant (W) black

³ Polyamide 6.6 (PA66) natural, Polyamide 6.6 Heat stabilised (HS) natural, Polyamide 6.6 UV Resistant (W) black

⁴ Polyamide 6.6 (PA66) Heat stabilised (HS) natural

⁵ Polyamide 6.6 (PA66) natural

⁶ Polyamide 6.6 (PA66), Polyamide 6.6 Heat stabilised (HS) all colours und Polyamide UV Resistant (W)

Subject to changes