

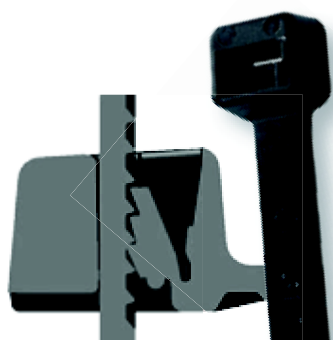
# Accessories

## Cable Tie Selection

### Material and Colour Criteria Selection Table

Characteristic	Test Method	Standard Cable Tie Nylon 6.6	Weather Resistant Nylon 6.6 MIL spec	Heat Stabilised Nylon 6.6	Flame Retardant Nylon 6.6	Weather Resistant Nylon 12
Part No. Suffix	-	-	00	30	60	120
Standard Colour	-	Natural*	Black	Black	Black/Ivory	Black
<b>Mechanical Properties</b>						
Tensile Yield @ 23°C (psi)	ISO 527	12,000	12,000	12,000	11,000	6,700
Water Absorption (24hrs)	ASTM D570	1.2%	1.2%	1.2%	1.1%	0.3%
Radiation Resist <sup>1</sup> (Rads)	-	1 x 10 <sup>5</sup>	1 x 10 <sup>5</sup>	1 x 10 <sup>5</sup>	1 x 10 <sup>5</sup>	3.5 x 10 <sup>6</sup>
Weathering (Years)	-	1 - 2	7 - 9	4 - 5	1 - 2	12 - 15
Impact Resistance	-	Good	Good	Good	Low	Good
<b>Chemical Resistance</b>						
Salts Resistance	-	Low	Good	Low	Low	High
Hydrocarbons Resistance	-	Excellent	Excellent	Excellent	Excellent	Excellent
Acids Resistance	-	Low	Low	Low	Low	Low
<b>Thermal Properties</b>						
Max. Continuous Temp.	UL 746B	85°C	85°C	115°C	100°C	90°C
Min. Continuous Temp.	EN 50146	-60°C	-60°C	-60°C	-40°C	-60°C
Flammability Rating	UL 94	V-2	HB	V-2	V-0	HB
Low Smoke	ASTM E662	Pass	Pass	Pass	Pass	-
Oxygen Index	BS ISO 4589	28	-	28	34	-
Halogen Free	IEC 60754-2	Yes	Yes	Yes	Yes	Yes
Burning Fume Toxicity	BSS-7239	Pass	Pass	Pass	Pass	-
<b>Material Availability by Product Family</b>						
Pan-Ty <sup>®</sup> Cable Ties	PLT	•	•	•	•	•
Dome-Top <sup>®</sup> Barb Ty	BT	•	•	•	Ivory only	
Contour-Ty <sup>®</sup> Cable Ties	CBR	•	•	•	Ivory only	

\* Available in other colour choices, including Green, Red, Yellow and Blue.



**PLT Series**  
Low threading force and multiple locking tooth design providing strength and reliability

### BT Series

Dome top design with stainless steel locking barb



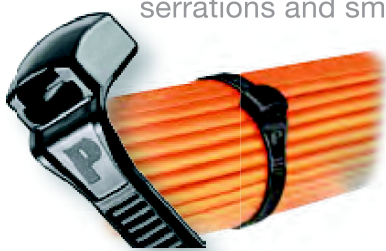
# Cable Ties Selection

Material and Colour Criteria  
Selection Table

Polypropylene	Weather Resistant Polypropylene	TEFZEL®	HALAR®	PEEK	Metal Detectable Nylon 6.6	Metal Detectable Polypropylene
<b>109</b>	<b>100</b>	<b>76</b>	<b>702Y</b>	<b>71</b>	<b>86</b>	<b>186</b>
Green	Black	Aqua Blue	Maroon	Brown	Lt Blue	Blue
4,100	4,100	7,500	7,000	15,200	-	-
0.1%	0.1%	<0.03%	<0.05%	0.5%	1.2%	0.1%
1 x 10 <sup>6</sup>	1 x 10 <sup>6</sup>	2 x 10 <sup>8</sup>	2 x 10 <sup>8</sup>	1 x 10 <sup>9</sup>	-	1 x 10 <sup>6</sup>
1	7 - 9	>15	>15	-	-	1
High	High	Excellent	Excellent	Excellent	Good	High
Excellent	Excellent	Excellent	Excellent	Excellent	Low	Excellent
Good	Good	Excellent	Excellent	Excellent	Excellent	Good
Excellent	Excellent	Excellent	Excellent	Good	Low	Excellent
115°C	115°C	170°C	150°C	260°C	85°C	115°C
-60°C	-60°C	-60°C	-60°C	-60°C	-60°C	-60°C
HB	HB	V-0	V-0	V-0	HB	HB
-	-	-	-	Pass	-	-
-	-	30	52	35	-	-
Yes	Yes	No	No	Yes	Yes	Yes
-	-	-	-	-	-	-
•	•	•	•	•	•	•

## CBR Series

Unique low profile head design avoids snags and reduces overall bundle size. Outside serrations and smooth round edges protect cable bundle, making them ideal for high vibration applications



Please note that TEFZEL is a registered trademark of E.I. du Pont de Nemours and Company. HALAR is a registered trademark of Ausimont USA, Inc.