



LOW PROFILE HEAD ENHANCES VISUAL APPEAL
TENSILE STRENGTH EXCEEDS STANDARD
INCREASED SAFETY WITH NO CUT-OFF EDGES TO INJURE USER

DESCRIPTION

Manufactured of the highest quality material made in the U.S.A., Cobra's patented L series is the lowest profile nylon cable tie on the market. RoHS, UL21, and UL21S approved, Low Profile cable ties offer superior tensile strength vs. traditional rated products thus out performing in a wide range of demanding environments. Their evolutionary design is safer than traditional ties as they're designed for a smooth, snag-proof contour with no barbs or spikes to injure an installer or end user.

BENEFITS AND FEATURES

- **LOWEST PROFILE NYLON TIE AVAILABLE** – about 1/3rd the height of traditional ties
- **REDUCED HEAD HEIGHT** – compared to traditional head designs
- **INCREASED SAFETY WITH NO SHARP TAIL CUTOFFS** – Eliminates snags, cuts, and abrasions to cables, hoses, products, and users. The remaining tail slips back into head of tie leaving no exposed sharp edge to cut users
- **ENHANCES VISUAL APPEAL** of your finished product
- **FLEXIBLE HEAD DESIGN** easily flexes around tubing or bundled wiring to make an even lower profile
- **MADE IN THE U.S.A.** – Quality
- **EXCEPTIONAL STRENGTH** – Low profile cable ties' tensile strength exceeds 22,7 kg rating when properly applied
- **TOUGH** - Stands up well in a wide range of environments - insoluble in common solvents, alkalizes, dilute mineral acids, most organic acids and most petrochemicals
- **UP TO CODE** – MIL SPEC, RoHS, and UL compliant
- **LONG LASTING** - Tamper proof pawl located under the tie's head is protected from direct UV rays and won't break down as quickly as traditional cable ties
- **NO SPECIAL TOOLS REQUIRED** – Low profile cable ties are easy to apply with any pair of side cutters or industry standard automatic tensioning tool.

MATERIALS

The Low Profile cable ties are made by polyamide 6.6, a high quality nylon. A wide selection of the cable ties are also UV and heat stabilized.

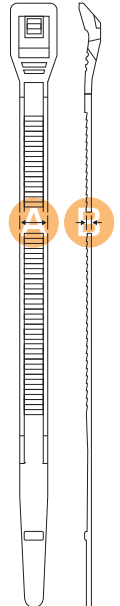
	Nylon 6/6 General Purpose	Black Nylon 6/6 Heat Stabilized	Black Nylon 6/6 UV Stabilized
Temp. Rating	-45°C - 85°C	Up to 125°C	Up to 85°C
UL Flamability	94V-2		
Environment	Indoor		Indoor or Outdoor
Regulatory Requirements	CSA 22.2; UL 1565; SAE AS23190; SAE AS33671		

Characteristics of raw material polyamide 6.6

Working temperature	-45°C - 85°C
Tightening temperature	-10°C - 60°C
Max admissible point	120°C (for a short time)
Melting temperature	256°C
Halogen free	
2011/65/EU (RoHS2), UL21 and UL21S compliant	

TECHNICAL DATA AND ORDERING INFORMATION

		Length (mm)	Max Bundle (mm)	Min. Bundle (mm)	Min. Tensile Strength (kg)	Width (mm) A	Thickness (mm) B	Color options
MINIATURE	L4M	110	25	3	8	2.5	1.2	BLACK / NATURAL
	L6M	155	40					
	L8M	205	51					
INTERMEDIATE	L6I	150	33	6.25	18	3.6	1.35	BLACK / NATURAL
	L8I	205	51					
	L11I	280	77					
	L14I	370	103					
STANDARD	L7S	190	44	6.25	23	4.6	1.35	BLACK / NATURAL
	L8S	205	52					
	L10S	255	68					
	L11S	280	76					
	L14S	370	103					
HEAVY	L11H	280	77	12.7	55	7.6	1.9	BLACK / NATURAL
	L14H	370	103					
	L18H	480	127					
	L24H	645	177					
	L30H	800	228					
	L36H	965	279					



APPLICATIONS

Low Profile cable ties' unique, patented design is ideal for any application requiring a safe visually appealing low profile tie, from industrial uses to high-end consumer products. The low profile cable tie enhances the finished appearance of a wide variety of applications from boat engines to sporting equipment to recreational applications.

- Industrial
- Marine and boat engineering
- Intermodal
- Military
- Automotive
- Aerospace
- Construction
- Panel building
- Bike and car manufacturing
- Camping
- Wire harnessing
- Wind energy
- Medical applications
- Robotics and computer components
- Safety equipment
- Specialty applications