

800-CT08- Cable Ties Polypropylene

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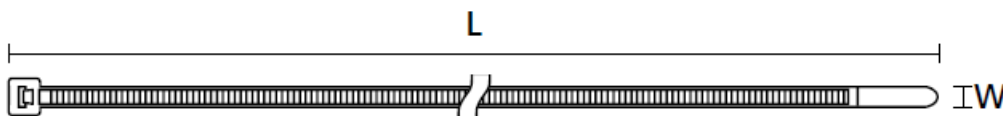
Product Code	Product Description
800-CT08-S117-X39	Cable Ties Polyprop St/St 186 x 4.8mm Pack 100
800-CT08-S122-X39	Cable Ties Polyprop St/St 340 x 7.0mm Pack 100
800-CT08-S123-X39	Cable Ties Polyprop St/St 360 x 4.8mm Pack 100
800-CT08-S139-X39	Cable Ties Polyprop St/St 92 x 2.4mm Pack 100

Cable Ties for Food Industry, Detectable

Detectable Cable Tie, Bright Blue Polypropylene for Temperatures up to 85 Degrees Celsius for Indoor Applications, Length 186mm, Width of 4.6mm, Thickness of 1.1mm (0.043 Inch), Tensile Strength Rating of 135 Newtons

Features and benefits

Can support quality assurance in the production of food stuffs, for example HACCP.
Blue colour for easy visual.
Greatly reduces risk of contamination.
Magnetic detectable (detection level depending on specific application and equipment).
Lock Type Stainless Steel Barb
Tensile Strength 30lb
Thickness 1.1 mm



All dimensions in mm

Type	Width (W)	Length(L)	Bundle ø max		Material	Colour	Pack Cont.	Tools
BLUE 186x4.6mm	7.3	186	45.0	135	Polyprop	Blue (BU)	100pcs	1-2;4-6;25

Material Specification Overview

Material	Material shortcut	Operating temperature	Colour	Flammability	Material properties*	Material specifications
Aluminium alloy	AL	-40°C to + 180°C	Natural (NA)		.Corrosion resistant. .Antimagnetic.	RoHS
Chloroprene rubber	CR	-20°C to + 80°C	Black (BK)		.Weather resistant. .High yield strength.	RoHS
Ethylene tetrafluoroethylene (Tefzel®)	E/TFE	-80°C to +170°C	Blue (BU)	UL 94 V0	.Resistance to radioactivity. .UV resistant, not moisture sensitive. .Good chemical resistance to acids, bases, oxidizing agents.	RoHS
Polyacetal	POM	-40°C to +90°C (+110°C, 500h)	Natural (NA)	UL 94 HB	.Limited brittleness sensitivity. .Flexible at low temperatures. .Not moisture sensitive. .Robust on impact	RoHS
Polyamide 11	PA11	-40°C to +85°C (+105°C, 500h)	Black (BK)	UL 94 HB	.Bio-plastic, derived from vegetable oil. .Strong impact resistance at low temperature. .Very low moisture absorption. .Weather resistant. .Good chemical resistance.	HF RoHS
Polyamide 12	PA12	-40°C to +85°C (+105°C, 500h)	Black (BK)	UL 94 HB	.Good chemical resistance to acids, bases, oxidizing agents. .UV resistant.	HF RoHS
Polyamide 4.6	PA46	-40°C to +130°C (+150°C, 5000h); +195°C, 500h	Natural (NA), Grey (GY)	UL 94 V2	.Resistance to high temperatures. .Very moisture sensitive. .Low smoke sensitivity.	HF LFH RoHS
Polyamide 6	PA6	-40°C to +80°C	Black (BK)	UL 94 V2	.High yield strength	RoHS
Polyamide 6 (high impact modified)	PA6HIR	-40°C to +80°C	Black (BK)	UL 94 HB	.Limited brittleness sensitivity. .Higher flexibility at low temperature.	RoHS
Polyamide 6.6	PA66	-40°C to +85°C (+105°C, 500h)	Black (BK) Natural (NA)	UL 94 V2	.High yield strength	HF RoHS
Polyamide 6.6 (glass-fibre reinforced)	PA66GF13	-40°C to +105°C (+105°C, 500h)	Black (BK)	UL 94 HB	.Good resistance to lubricants, fuels, salt water and solvents.	HF RoHS

Polyamide 6.6 (heat and UV-stabilised)	PA66HSUV	-40°C to +105°C (+105°C, 500h)	Black (BK)	UL 94 V2	.High yield strength. .Modified elevated maximum temperature. .UV resistancy	HF RoHS
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Material	Material shortcut	Operating temperature	Colour	Flammability	Material properties*	Material specifications
Polyamide 6.6 (heat stabilised)	PA66HS	-40°C to +105°C (+105°C, 500h)	Black (BK) Natural (NA)	UL 94 V2	.High yield strength. .Modified elevated maximum temperature.	HF RoHS
Polyamide 6.6 (heat stabilised and UV-stabilised)	PA66HSHSU V	-40°C to +110°C	Black (BK)	UL 94 HB	.Limited brittleness sensitivity. .Higher flexibility at low temperature. .Modified elevated maximum temperature. .High yield strength, UV resistant.	RoHS
Polyamide 6.6 (high impact modified, high stabilised)	PA66HIRHS	-40°C to +105°C (+105°C, 500h)	Black (BK)	UL 94 HB	.Limited brittleness sensitivity. .Higher flexibility at low temperature. .Modified elevated maximum temperature.	RoHS
Polyamide 6.6 (high impact modified, scan black)	PA66HIR(S)	-40°C to +80°C (+105°C, 500h)	Black (BK)	UL 94 HB	.Limited brittleness sensitivity. .Higher flexibility at low temperature.	RoHS
Polyamide 6.6 (UV resistant)	PA66W	-40°C to +85°C (+105°C, 500h)	Black (BK)	UL 94 VS	.High yield strength. .UV resistant	HF RoHS
Polyamide 6.6 (with metal particles)	PA66MP	-40°C to +85°C (+105°C, 500h)	Blue (BU)	UL 94 HB	.High yield strength. .Metal and x-ray detectable	HF RoHS
Polyamide 6.6 (with metal particles)	PA66MP+	-40°C to +85°C	Blue (BU)	Not flame-retardant	.High yield strength. .Metal and x-ray detectable	HF RoHS
Polyamide 6.6 V0	PA66V0	-40°C to +85°C	White (WH)	UL 94 V0	.High yield strength. .Low smoke emission	HF LFH RoHS
Polyester	SP	-50°C to +150°C	Black (BK)		.UV resistant. .Good chemical resistance to most acids, bases and oils.	HF LFH RoHS
Poly-etheretherketone	PEEK	-5°C to +0°C	Beige (BGE)	UL 94 V0	.Resistance to radioactivity. .Not moisture sensitive. .Good chemical resistance to acids, bases, oxidizing agents.	HF LFH RoHS
Polyethylene	PE	-40°C to +50°C	Black (BK) Natural (NA)	UL 94 HB	.Low moisture absorption.	HF RoHS

					.Good chemical resistance to most acids, bases, alcohol, oils.	
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Material	Material shortcut	Operating temperature	Colour	Flammability	Material properties*	Material specifications
Polyolefin	PO	-40°C to +90°C	Black (BK)	UL 94 V0	.Low smoke emissions	HF LFH RoHS
Polypropylene	pp	-40°C to +115°C	Black (BK) Natural (NA)	UL 94 HB	.Floats in water. .Moderate yield strength .Good chemical resistance to acids, bases and solvents.	HF RoHS
Polypropylene ethylene propylene diene terpolymer (rubber free of nitrosamine)	PP, EPDM	-20°C to +95°C	Black (BK)	UL 94 HB	.Good resistance to high temperature. .Good chemical and abrasion resistance.	HF RoHS
Polypropylene (with metal particles)	PPMP	-40°C to +115°C	Blue (BU)	UL 94 HB	.Metal and x-ray detectable. .Heat resistant. .Moderate yield strength .Good chemical resistance.	RoHS
Polypropylene (with metal particles)	PPMP+	-40°C to +85°C	Blue (BU)	Not flame-retardant	.High yield strength. .Metal and x-ray detectable.	HF RoHS
Polyvinylchloride	PVC	-10°C to +70°C	Black (BK) Natural (NA)	UL 94 V0	.Low moisture absorption. .Good chemical resistance to acids,bases,salts,alcohol, oils.	RoHS
Stainless steel	SS304,SS316	-80°C to +538°C	Natural (NA)	Non burning	.Corrosion resistant. .Antimagnetic. .Weather resistant. .Chemical resistant. .SS316 also resistant against seawater, salt spray and anorganic acids.	HF LFH RoHS
Thermoplastic Polyurethane	TPU	-40°C to +85°C	Black (BK)	UL 94 HB	.High elasticity. .Good chemical resistance to acids, bases and oxidizing agents.	HF RoHS

*These details are only guide values. They should not be regarded as a exhaustive material specification and are no substitute for suitability tests.

HF = Halogen Free

LFH = Limited Fire Hazard

RoHS = Restriction of Hazardous Substances



= Minimum loop tensile strength for cable ties (newton)

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Helen Morrison
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