

# MaxBit™ Nylon Ties



**Manufactured to EXCEED plenum ratings for toxicity and smoke**

Manufactured to meet or exceed CSA Standards

Manufactured to meet or exceed UL Standards for structure and fire ratings (UL 94V.2)

**Manufactured to meet or exceed European and Asia RoHS Standards.**

Manufactured to meet or exceed WEEE Hazardous Waste Standards.

Most lengths are available in 6 different colors.

Available in 2.5", 4", 6", 8", 12", 18", and 24"

Custom lengths and widths available upon request.

Modification to UL's polyamide formula upon request.

Our Black Nylon Ties are UV designed for outdoor use and have Ultra-Violet additives.

Our Nylon Ties are poly bagged and Retail ready with bar coded bags.

Every poly bag contains 100 nylon ties.

# Non-Releasable Nylon Cable Ties



Part #	Description (2.5 Inch x 0.10 inch - Non-Releasable)	Strength	Case
10550-BLACK	2.5" x 0.10" (60mm x 2.5mm) Nylon Tie - Non-releasable - BLACK (UV)	18 Lbs	60,000
10550-BLACK	2.5" x 0.10" (60mm x 2.5mm) Nylon Tie - Non-releasable - CLEAR	18 Lbs	60,000
Part #	Description (4 Inch x 0.10 inch - Non-Releasable)	Strength	Case
10560-BLACK	4" x 0.10" (100mm x 2.5mm) Nylon Tie - Non-releasable - BLACK (UV)	18 Lbs	50,000
10560-BLUE	4" x 0.10" (100mm x 2.5mm) Nylon Tie - Non-releasable - BLUE	18 Lbs	50,000
10560-CLEAR	4" x 0.10" (100mm x 2.5mm) Nylon Tie - Non-releasable - CLEAR	18 Lbs	50,000
10560-GREEN	4" x 0.10" (100mm x 2.5mm) Nylon Tie - Non-releasable - GREEN	18 Lbs	50,000
10560-RED	4" x 0.10" (100mm x 2.5mm) Nylon Tie - Non-releasable - RED	18 Lbs	50,000
10560-YELLOW	4" x 0.10" (100mm x 2.5mm) Nylon Tie - Non-releasable - YELLOW	18 Lbs	50,000
Part #	Description (6 Inch x 0.14 inch - Non-Releasable)	Strength	Case
10580-3.6-BLACK	6" x 0.14" (150mm x 3.6mm) Nylon Tie - Non-releasable - BLACK (UV)	40 Lbs	25,000
10580-4.8-BLACK	6" x 0.19" (150mm x 4.8mm) Nylon Tie - Non-releasable - BLACK (UV)	50 Lbs	15,000
10580-7.2-BLACK	6" x 0.28" (150mm x 7.2mm) Nylon Tie - Non-releasable - BLACK (UV)	120 Lbs	10,000
10580-BLUE	6" x 0.14" (150mm x 3.6mm) Nylon Tie - Non-releasable - BLUE	40 Lbs	25,000
10580-3.6-CLEAR	6" x 0.14" (150mm x 3.6mm) Nylon Tie - Non-releasable - CLEAR	40 Lbs	25,000
10580-4.8-CLEAR	6" x 0.19" (150mm x 4.8mm) Nylon Tie - Non-releasable - CLEAR	50 Lbs	15,000
10580-7.2-CLEAR	6" x 0.28" (150mm x 7.2mm) Nylon Tie - Non-releasable - CLEAR	120 Lbs	10,000
10580-GREEN	6" x 0.14" (150mm x 3.6mm) Nylon Tie - Non-releasable - GREEN	40 Lbs	25,000
10580-RED	6" x 0.14" (150mm x 3.6mm) Nylon Tie - Non-releasable - RED	40 Lbs	25,000
10580-YELLOW	6" x 0.14" (150mm x 3.6mm) Nylon Tie - Non-releasable - YELLOW	40 Lbs	25,000
Part #	Description (8 Inch x 0.14 inch - Non-Releasable)	Strength	Case
10600-3.6-BLACK	8" x 0.14" (200mm x 3.6mm) Nylon Tie - Non-releasable - BLACK (UV)	40 Lbs	20,000
10600-7.2-BLACK	8" x 0.28" (200mm x 7.2mm) Nylon Tie - Non-releasable - BLACK (UV)	120 Lbs	10,000
10600-BLUE	8" x 0.14" (200mm x 3.6mm) Nylon Tie - Non-releasable - BLUE	40 Lbs	20,000
10600-3.6-CLEAR	8" x 0.14" (200mm x 3.6mm) Nylon Tie - Non-releasable - CLEAR	40 Lbs	20,000
10600-7.2-CLEAR	8" x 0.28" (200mm x 7.2mm) Nylon Tie - Non-releasable - CLEAR	120 Lbs	10,000
10600-GREEN	8" x 0.14" (200mm x 3.6mm) Nylon Tie - Non-releasable - GREEN	40 Lbs	20,000
10600-RED	8" x 0.14" (200mm x 3.6mm) Nylon Tie - Non-releasable - RED	40 Lbs	20,000
10600-YELLOW	8" x 0.14" (200mm x 3.6mm) Nylon Tie - Non-releasable - YELLOW	40 Lbs	20,000
Part #	Description (12 Inch x 0.19 inch - Non-Releasable)	Strength	Case
10620-4.8-BLACK	12" x 0.19" (300mm x 4.8mm) Nylon Tie - Non-releasable - BLACK (UV)	50 Lbs	10,000
10620-7.2-BLACK	12" x 0.28" (300mm x 7.2mm) Nylon Tie - Non-releasable - BLACK (UV)	120 Lbs	5,000
10620-BLUE	12" x 0.19" (300mm x 4.8mm) Nylon Tie - Non-releasable - BLUE	50 Lbs	10,000
10620-4.8-CLEAR	12" x 0.19" (300mm x 4.8mm) Nylon Tie - Non-releasable - CLEAR	50 Lbs	10,000
10620-7.2-CLEAR	12" x 0.28" (300mm x 7.2mm) Nylon Tie - Non-releasable - CLEAR	120 Lbs	5,000
10620-GREEN	12" x 0.19" (300mm x 4.8mm) Nylon Tie - Non-releasable - GREEN	50 Lbs	10,000
10620-RED	12" x 0.19" (300mm x 4.8mm) Nylon Tie - Non-releasable - RED	50 Lbs	10,000
10620-YELLOW	12" x 0.19" (300mm x 4.8mm) Nylon Tie - Non-releasable - YELLOW	50 Lbs	10,000
Part #	Description (18 Inch x 0.28 inch - Non-Releasable)	Strength	Case
10622-4.8-BLACK	12" x 0.28" (300mm x 7.2mm) Nylon Tie - Non-releasable - BLACK (UV)	120 Lbs	5,000
10622-7.2-CLEAR	12" x 0.28" (300mm x 7.2mm) Nylon Tie - Non-releasable - CLEAR	120 Lbs	5,000
Part #	Description (24 Inch x 0.35 inch - Non-Releasable)	Strength	Case
10622-9.0-BLACK	12" x 0.35" (300mm x 9.0mm) Nylon Tie - Non-releasable - BLACK (UV)	175 Lbs	1,000
10624-9.0-CLEAR	12" x 0.35" (300mm x 9.0mm) Nylon Tie - Non-releasable - CLEAR	175 Lbs	1,000

All of our non-releasable and mounthead nylon ties are manufactured according to Universal Laboratory's Nylon Cable Tie chemical formula. This is to ensure that our customers receive nylon ties that meet or exceed UL fire rating standards (UL 94V.2). This makes our nylon ties **EXCEED** networking "PLENUM" grade standards. To achieve the best fire rating results, you should only use Clear nylon ties. Chemicals used to achieve Colorant and UV results can change the melting/flash points of the ties, and may increase toxicity. According to Universal Laboratories own studies, only Clear nylon ties should be used where fire rating and toxicity legal liabilities issues are required. Universal Laboratories will only list and rate Clear nylon ties for these circumstances. We recommend Clear Nylon Ties for Network Cabling, exposed living requirements, open high human traffic areas, etc.

## Releasable Nylon Cable Ties



Part #	Description (8 Inch x 0.28 inch - Releasable)	Strength	Case
10610-BLACK	8" x 0.28" (200mm x 7.2mm) Nylon Tie - Releasable - BLACK (UV)	40 Lbs	7,500
10610-CLEAR	8" x 0.28" (200mm x 7.2mm) Nylon Tie - Releasable - CLEAR	40 Lbs	7,500
Part #	Description (12 Inch x 0.28 inch - Releasable)	Strength	Case
10630-BLACK	12" x 0.28" (300mm x 7.2mm) Nylon Tie - Releasable - BLACK (UV)	50 Lbs	6,000
10630-CLEAR	12" x 0.28" (300mm x 7.2mm) Nylon Tie - Releasable - CLEAR	50 Lbs	6,000

Our releasable nylon cable ties have a modified formula to make the ties more flexible. Since many of our customer will reuse these ties, there is a strong need to make them more flexible.

## Mounthead Nylon Cable Ties



Part #	Description (6 Inch x 0.14 inch - Releasable)	Strength	Case
10585-BLACK	6" x 0.14" (150mm x 3.6mm) Nylon Tie - Releasable - BLACK (UV)	40 Lbs	25,000
10585-CLEAR	6" x 0.14" (150mm x 3.6mm) Nylon Tie - Releasable - CLEAR	40 Lbs	25,000
Part #	Description (8 Inch x 0.14 inch - Releasable)	Strength	Case
10605-BLACK	8" x 0.14" (200mm x 3.6mm) Nylon Tie - Releasable - BLACK (UV)	40 Lbs	20,000
10605-CLEAR	8" x 0.14" (200mm x 3.6mm) Nylon Tie - Releasable - CLEAR	40 Lbs	20,000

6" Mounthead Nylon Ties should use 1/8" (0.13") or smaller. The hole opening is 0.17"

6" Mounthead Nylon Ties should use 4mm or smaller. The hole opening is 4.40mm

8" Mounthead Nylon Ties should use 3/16" (0.19") or smaller. The hole opening is 0.20"

8" Mounthead Nylon Ties should use 5mm or smaller. The hole opening is 5mm

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Chemicals used to achieve Colorant and UV results can change the melting/flash points of the ties, and may increase toxicity. According to Universal Laboratories own studies, only Clear nylon ties should be used where fire rating and toxicity legal liabilities issues are required. Universal Laboratories will only list and rate Clear nylon ties for these circumstances. We recommend Clear Nylon Ties for Network Cabling, exposed living requirements, open high human traffic areas, etc.

# Material Safety Data Sheet

## 1. Product:

Generic Product Name: Nylon Ties

Generic Chemical Name: Nylon 66 formula (polyamide 66 or PA66).

## 2. Chemical Composition(s):

Hexamethylenediamine Resin (45-90%)

Polycaprolactam (0-30%)

Hexamethylene adipamide-co-caprolactam (0-25%)

Colorant and/or Carbon Black added for colored nylon ties

## 3. Chemical Properties - Solid, Liquid, and Vapor Points:

Solid Form: <500F

Solid-to-Liquid Temperature: 500F (260C)

Flash Point Temperature: 700F (375C)

Decomposition Temperature: 575F (300C)

RoHS Cadmium Level: <0.001%

RoHS Chromium Level: <0.001%

RoHS Lead Level: <0.001%

RoHS Mercury Level: <0.001%

RoHS Bromine Level: <0.001%

Halogen Toxicity Level for Plenum Values: 0%

Tensile Strength is tested at 150F (65C) for 1 minute, and will change when exposed to both extreme temperature ranges.

Acid Resistant, but mildly reactive in strong acids.

## 4. Hazards:

Solid Form in Stable environments: No eye, skin, inhalation, or ingestion (mouthful) hazards known for average humans.

Dust Form: May cause slight irritations in eye, inhalation, and ingestion (immediate first aid unlikely to be required).

NOTICE: Finely ground material can combust in certain situations.

Heated Form: Vapors may cause slight irritation if inhaled in some people.

Avoid unnecessary exposure - handle with good industrial hygiene and safety practices.

Compliant Product in USA, Canada, Japan, Korea, China, Australia, Phillipines, etc.

SARA Hazard: none known.

US DOT: no regulations.

Canada TDG: no regulations.

OSHA Listing: 29 CFR 1910.1200

EPA Listing: 40 CFR 261

Meets WEEE and RoHS standards.

## 5. Fire:

Vapor Hazards: May release carbon monoxide, carbon dioxide, ammonia, and nitric oxides in fires.

Large Fires: Wear self-contained breathing apparatus.

How to put out: Can use Water spray; Dry chemical; Foam; Carbon Dioxide.

Fire Gear: Decontaminate after use

## 6. Legal:

We are presenting this information in good faith and we have made a reasonable effort to ensure that the information provided is correct at the time of publication, but we make no representations as to the completeness or accuracy thereof. Information is supplied as general information under the condition that the receiving party makes their own determination as to the suitability of this product for their purposes. In no event will MaxBit Manufacturing, or agents, or partners be responsible for damages of any nature whatsoever resulting from use of or reliance of this information. **NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCTS PROVIDED IN THIS DATA SHEET/MSDS.**

# General Information About MaxBit Nylon Cable Ties

- MaxBit Black Nylon Ties are specifically designed for outdoor use, and where sunlight may be an issue. Our Black nylon cable ties have a special Ultra-Violet inhibitor that will make your nylon ties last longer in sunlight. Most plastics will degrade and crack over time. UV inhibitors help slow this process down. Naturally, Black nylon ties can be used in applications where the color black is desired.
- Our Clear nylon ties are actually “whitish” in color. They are also sometimes called natural nylon cable ties. Our Clear nylon cable ties are our most popular selling color.
- Always keep your unused nylon cable ties in the zip lock bag. This helps slow down the aging process. Keep them out of sunlight if possible.
- Our releasable nylon cable ties use a special formula that makes them more flexible. Releasable nylon cable ties are sometimes called reusable nylon cable ties. This flexibility helps them last longer.
- Our mounthead nylon cable ties are a great products for machines, computers, and networking applications. The holes are designed so that they can be used with threaded rod, bolts, drywall screws, or wood screws. Some people also refer to them as Mount Head Nylon Cable Ties.
- Our nylon cable ties all have tapered ends that speed up the threading process thru the nylon cable tie head. This is useful for manufactures who use lots of nylon cable ties.
- Custom nylon cable ties can be made upon request.

