

## ASTRO "J" CLIPS

- **Available Sizes:** 3/8", 1/2", 3/4", 1", 1-1/4" (Copper Tube Sizes)
- **Features**
  - Preloaded nail
  - Absorbs vibration
  - Material: High Density Polyethylene (HDPE)
  - Ultraviolet protected
  - Impact resistant to 0°F (-18°C)
- **Temperature Ratings**
  - Max. continuous temperature: 160°F (71°C)
  - Max. intermittent temperature: 185°F (85°C)
- **Safe Working Loads**
  - 3/8" – 3 lbs
  - 1/2" – 5 lbs
  - 3/4" – 8 lbs
  - 1" – 12 lbs
  - 1-1/4" – 15 lbs



ASTRO "J" CLIPS				
Size	Part no.	Qty. per bag	Qty. per carton	Weight per carton
1/2"	10012	100	5000	45 lbs
3/4"	10034	50	1000	15 lbs
3/8"	10038	100	n/a	0.5 lb (bag)
1"	10100	50	n/a	1 lb (bag)
1-1/4"	10114	25	n/a	1 lb (bag)

## ASTRO "ALPHA" (ISC) CLAMPS

- **Available Sizes:** 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" (Copper Tube Sizes)
- **Features**
  - Isolates tube from mounting surface
  - Reduces noise transfer & vibration
  - Material: High Impact Polypropylene
- **Temperature Ratings**
  - Max. continuous temperature: 175°F (79°C)
  - Max. intermittent temperature: 185°F (85°C)
- **Safe Working Loads**
  - 15 lbs



ASTRO "ALPHA"(ISC) CLAMPS				
Size	Part no.	Qty. per bag	Qty. per carton	Weight per carton
1/2"	20012	100	1000	10 lbs
3/4"	20034	50	500	7 lbs
1"	20100	50	n/a	1 lb (bag)
1-1/4"	20114	25	n/a	1 lb (bag)
1-1/2"	20112	25	n/a	1 lb (bag)
2"	20200	25	n/a	1 lb (bag)

## ASTRO "OMEGA" (PC) CLAMPS

- **Available Sizes:** 1/2", 3/4", 1", 1-1/4", 1-1/2", 2" (Copper Tube Sizes)
- **Features**
  - Isolates tube from mounting surface
  - Reduces noise transfer & vibration
  - Material: High Impact Polypropylene
- **Temperature Ratings**
  - Max. continuous temperature: 175°F (79°C)
  - Max. intermittent temperature: 185°F (85°C)
- **Safe Working Loads**
  - 15 lbs



ASTRO "OMEGA"(PC) CLAMPS				
Size	Part no.	Qty. per bag	Qty. per carton	Weight per carton
1/2"	30012	100	1000	10 lbs
3/4"	30034	50	500	7 lbs
1"	30100	50	n/a	1 lb (bag)
1-1/4"	30114	25	n/a	1 lb (bag)
1-1/2"	30112	25	n/a	1 lb (bag)
2"	30200	25	n/a	1 lb (bag)

## ASTRO "DELTA" FULL CLAMPS

- **Available Sizes:** 1/2", 3/4", 1" (Copper Tube Sizes)
- **Features**
  - Preloaded nail
  - Absorbs vibration
  - Isolates tube from mounting surface
  - Material: High Density Polyethylene (HDPE)
  - Ultraviolet protected
  - Impact resistant to 0°F (-18°C)
- **Temperature Ratings**
  - Max. continuous temperature: 160°F (71°C)
  - Max. intermittent temperature: 185°F (85°C)
- **Safe Working Loads**
  - 1/2" – 12 lbs
  - 3/4" – 16 lbs
  - 1" – 24 lbs



ASTRO "DELTA" CLAMPS				
Size	Part no.	Qty. per bag	Qty. per carton	Weight per carton
1/2"	80012	100	1000	13 lbs
3/4"	80034	50	500	12 lbs
1"	80100	25	n/a	1 lb (bag)

**Free shipping on all orders over \$1000!**

## ASTRO CABLE TIES

• **Available Sizes:**

- 7-1/2" × 3/16" (in black & natural)
- 11" × 3/16" (in black & natural)
- 14-1/2" × 3/16" (in black & natural)
- 36 × 3/8" (black)
- More sizes and color are available upon request.

• **Features**

- Material: UL94V-2 flame rated, UL approved Nylon 66.
- Low-smoke and Halogen-free cable tie suitable for various industry, also household DIY and gardening.
- Carbon black added for greater resistance to ultraviolet in outdoor usage.
- Prolongs useful life of cable tie under sunshine/outdoor application.
- Application: One piece self-lock cable tie saves time and make it effective for installation.

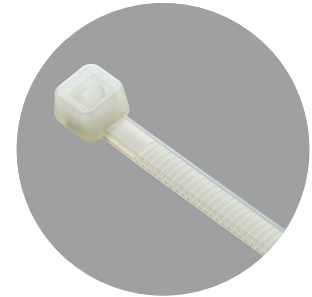
• **Temperature Ratings**

- Max. operating temperature up to 185°F (85°C).

• **Safe Working Loads**

- 50 -175 lbs

• **Certifications**



<b>CABLE TIES - White (Natural)</b>						
Part no.	Length (L) (mm / inch)	Width (W) (mm / inch)	Min. Loop Tensile Strength (lbs / kgf/N)	Max. Bundle Dia. (mm)	Quantity per bag	Quantity per box
60075	190 / 7-1/2"	4.8 / 3/16"	50 / 22 / 222	49	100	13000
60075K	190 / 7-1/2"	4.8 / 3/16"	50 / 22 / 222	49	1000	16000
60110	280 / 11"	4.8 / 3/16"	50 / 22 / 222	77	100	10000
60145	368 / 14-1/2"	4.8 / 3/16"	50 / 22 / 222	105	100	9000

<b>CABLE TIES - Black (Weather Resistant)</b>						
Part no.	Length (L) (mm / inch)	Width (W) (mm / inch)	Min. Loop Tensile Strength (lbs / kgf/N)	Max. Bundle Dia. (mm)	Quantity per bag	Quantity per box
70075	190 / 7-1/2"	4.8 / 3/16"	50 / 22 / 222	49	100	13000
70110	280 / 11"	4.8 / 3/16"	50 / 22 / 222	77	100	10000
70145	368 / 14-1/2"	4.8 / 3/16"	50 / 22 / 222	105	100	9000
70360	914 / 36"	9.0 / 3/8"	175 / 80 / 800	275	50	1500

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**ASTRO ABS RESTRAINING PIPE ANCHORS**







ASTRO ABS PIPE RESTRAINING ANCHORS		
Size	Part no.	Pairs per carton
1-1/2"	40112	50
2"	40200	50
3"	40300	25



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## Why Canadian Astro?

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-  Canadian-Made Quality
-  Wide Range of Applications
-  Durability & Reliability
-  An Easy Add-On Line
-  Industry-Trusted
-  Fast Lead Time

**“**

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— A longtime Canadian Astro customer

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