



● Magic Cable Ties

- Self-locking head and body design
- Provides a fast and easy way of application
- Material: Hook: Nylon, Loop: Polyester, Base: Synthetic Resin
- Color available: Black, Green, Yellow, Red, Blue, White
- Melt temperature: Hook: 230°C, Loop: 180°C
- Working (Operation) Temperature -40°C - + 85°C (-40°F - + 185°F)
- Min Installation Temperature: -20°C (0°F)
- Remarks: the tensile strength will be increased under the cold temperature, but the durability will be reduced.
- Water resistant: it could be used under the water, the tensile will be reduced 50%, but after dry it, the tensile will be recovered.
- Chemical Resistant: Alkaline Soda (50%), Ammonia (28%), Hydrochloric Acid (2.5%), Nitric Acid (3.5%), can be still worked.
- Tensile Strength: 1x1cm connection: 25N (5.6lb), Peeling force: 1x1cm connection: 3N (0.67lb)

● Hook-Loop Type

Item No.	Size (mm)	Size (in)	Max Bundle Diameter (mm)	Max Bundle Diameter (in)	UV Resistant
LH-VT-(1/2)-130-5	12,5x130	5.1	35.00	1.38	Black Only
LH-VT-(1/2)-180-7	12,5x180	7.0	51.00	2.00	Black Only
LH-VT-(1/2)-200-8	12,5x200	8.0	59.00	2.32	Black Only
LH-VT-(1/2)-300-12	12,5x300	11.8	89.00	3.50	Black Only
LH-VT-(2/3)-300-12	17,0x310	12.0	92.00	3.60	Black Only

● In Roll Type

- Can be cut to use with the length as requested
- Available with the ties of perforated in a fixed length (should be upon request)
- Except for following sizes, whole range size available upon request from width 9.5-150mm

Item No.	Size	Size
LH-VT-(3/8)-25yd	9.5mmx22.8m	3/8"x25yd
LH-VT-(1/2)-25yd	12.5mmx22.8m	1/2"x25yd
LH-VT-(3/4)-25yd	19.0mmx22.8m	3/4"x25yd
LH-VT-(3/8)-25m	10.0mmx25.0m	2/5"x27.3yd
LH-VT-(5/8)-25m	16.0mmx25.0m	2/3"x27.3yd
LH-VT-13/16)-25m	20.0mmx25.0m	4/5"x27.3yd
LH-VT-(1)-25m	25.0mmx25.0m	1"x27.3yd

● Roll Type of Male & Female

- Can be cut to use with the length as requested
- Except for following sizes, whole range size available upon request from width 9.5-150mm

Item No.	Size (mm)	Size (in)
LH-VTM-(1)-25m	25.0mmx25.0m	1"x27.3yd
LH-VTF-(1)-25m	25.0mmx25.0m	1"x27.3yd





Below Characters is applied for the cable ties made from Nylon 66, except for extra mentioned

- Material:
 - Natural: Polyamide 6.6 natural
 - UV Black: Polyamide 6.6 + carbon black
 - Colors: Polyamide 6.6 natural + Colorant
- Flammability of raw material : UL 94 - V2
- Humidity absorption: 2,7% - 2,8% (23°C -50%RH)
- Working (Operation) Temperature: -40°C - + 85°C (-40°F - + 185°F)
- Min Installation Temperature: -10°C (14°F)
- Max sustainable temperature for short time: +110°C (230°F)
- Good resistance to bases, oils, greases, oil derivatives, chloride solvents. Limited resistance to acids. Not resistant to phenols.
- REACH, ROHS, PAHS Compliance.

L(ST) High Performance Cable Ties

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-M-100-4-LST	2.5x100	4.0	180N (40lb)	3.00	20.50	0.12	0.80
LH-M-160-6-LST	2.5x160	6.3	180N (40lb)	3.00	39.80	0.12	1.56
LH-M-200-8-LST	2.5x200	8.0	180N (40lb)	3.00	52.50	0.12	2.06
LH-I-140-5-LST	3.6x140	5.5	250N (55lb)	3.50	33.00	0.14	1.30
LH-I-200-8-LST	3.6x200	8.0	250N (55lb)	3.50	52.50	0.14	2.06
LH-I-300-12-LST	3.6x300	11.8	250N (55lb)	3.50	84.00	0.14	3.30
LH-I-370-15-LST	3.6x370	14.5	250N (55lb)	3.50	106.00	0.14	4.17
LH-S-200-8-LST	4.8x200	8.0	360N (80lb)	3.50	49.50	0.14	1.94
LH-S-250-10-LST	4.8x250	10.0	360N (80lb)	3.50	65.00	0.14	2.55
LH-S-300-12-LST	4.8x300	11.8	360N (80lb)	3.50	81.00	0.14	3.18
LH-S-370-15-LST	4.8x370	14.5	360N (80lb)	3.50	103.50	0.14	4.07
LH-HD-220-8-LST	7.6x220	8.6	780N (175lb)	8.50	57.20	0.33	2.25
LH-HD-300-12-LST	7.6x300	11.8	780N (175lb)	8.50	82.80	0.33	3.25
LH-HD-370-14-LST	7.6x370	14.5	780N (175lb)	8.50	103.50	0.33	4.07
LH-HD-460-18-LST	7.6x460	18.0	780N (175lb)	8.50	130.50	0.33	5.13
LH-HD-620-24-LST	7.6x620	24.4	780N (175lb)	8.50	181.50	0.33	7.14



Steel Pawl Locking
Optimal resistance to corrosion
extremely high mechanical strength



UL 94V-0 Grade Cable Ties

- Flammability of raw material: UL 94-V0

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-M-100-4-V0	2.5x100	4.0	80N (18lb)	3.00	20.50	0.12	0.80
LH-I-150-6-V0	3.6x150	6.0	180N (40lb)	3.50	36.00	0.14	1.41
LH-I-200-8-V0	3.6x200	8.0	180N (40lb)	3.50	52.50	0.14	2.06
LH-S-200-8-V0	4.8x200	8.0	230N (50lb)	3.50	49.50	0.14	1.94
LH-S-300-12-V0	4.8x300	11.8	230N (50lb)	3.50	81.00	0.14	3.18
LH-S-380-15-V0	4.8x380	15.0	230N (50lb)	3.50	106.70	0.14	4.20
LH-HD-380-15-V0	7.6x380	15.0	540N (120lb)	8.50	108.00	0.33	4.25



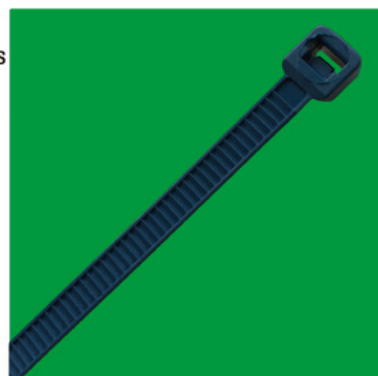
Better Flame Retardance



Metal Detectable Cable Ties

- made of detectable nylon (PA66) compounds (the "Products"). These products are intended for use in the proximity of food processing, handling, and packaging operations. In addition, these products are used for cable management on food processing and packaging equipment, and inside electrical control panels found in food processing and packaging operations

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-M-100-4-MD	2.5x100	4.0	80N (18lb)	3.00	20.50	0.12	0.80
LH-I-150-6-MD	3.6x150	6.0	180N (40lb)	3.50	36.00	0.14	1.41
LH-I-200-8-MD	3.6x200	8.0	180N (40lb)	3.50	52.50	0.14	2.06
LH-S-200-8-MD	4.8x200	8.0	230N (50lb)	3.50	49.50	0.14	1.94
LH-S-300-12-MD	4.8x300	11.8	230N (50lb)	3.50	81.00	0.14	3.18
LH-S-380-15-MD	4.8x380	15.0	230N (50lb)	3.50	106.70	0.14	4.20
LH-HD-380-15-MD	7.6x380	15.0	540N (120lb)	8.50	108.00	0.33	4.25



Metal Detectable



Food Safe and Dependable





● Extreme Cold Resistant Cable Ties

● Minimum Installation Temp: -20°C (0°F)

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-M-100-4-ECR	2.5x100	4.0	80N (18lb)	3.00	20.50	0.12	0.80
LH-I-150-6-ECR	3.6x150	6.0	180N (40lb)	3.50	36.00	0.14	1.41
LH-I-200-8-ECR	3.6x200	8.0	180N (40lb)	3.50	52.50	0.14	2.06
LH-S-200-8-ECR	4.8x200	8.0	230N (50lb)	3.50	49.50	0.14	1.94
LH-S-300-12-ECR	4.8x300	11.8	230N (50lb)	3.50	81.00	0.14	3.18
LH-S-380-15-ECR	4.8x380	15.0	230N (50lb)	3.50	106.70	0.14	4.20
LH-HD-380-15-ECR	7.6x380	15.0	540N (120lb)	8.50	108.00	0.33	4.25

● Minimum Installation Temp: -40°C (-40°F)

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-M-100-4-LCR	2.5x100	4.0	80N (18lb)	3.00	20.50	0.12	0.80
LH-I-150-6-LCR	3.6x150	6.0	180N (40lb)	3.50	36.00	0.14	1.41
LH-I-200-8-LCR	3.6x200	8.0	180N (40lb)	3.50	52.50	0.14	2.06
LH-S-200-8-LCR	4.8x200	8.0	230N (50lb)	3.50	49.50	0.14	1.94
LH-S-300-12-LCR	4.8x300	11.8	230N (50lb)	3.50	81.00	0.14	3.18
LH-S-380-15-LCR	4.8x380	15.0	230N (50lb)	3.50	106.70	0.14	4.20
LH-HD-380-15-LCR	7.6x380	15.0	540N (120lb)	8.50	108.00	0.33	4.25



Extreme Cold Resistant No Worry of Cold



Min Installation Temp:-20°C(-0°F)
Min Installation Temp:-40°C(-40°F)

● High Temperature Resistant Cable Ties

● Material:

Natural: Polyamide 46 natural

UV Black: Polyamide 46 + carbon black

● Flammability of raw material : UL 94 - V2

● Humidity absorption: 2,7% - 2,8% (23°C -50%RH)

● Working (Operation) Temperature: -40°C - + 130°C (-40°F - + 266°F)

● Min Installation Temperature: -10°C (14°F)

● Good resistance to bases, oils, greases, oil derivatives, chloride solvents.

Limited resistance to acids. Not resistant to phenols.

● REACH, ROHS, PAHS Compliance.

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-M-100-4-HTR	2.5x100	4.0	80N (18lb)	3.00	20.50	0.12	0.80
LH-I-150-6-HTR	3.6x150	6.0	180N (40lb)	3.50	36.00	0.14	1.41
LH-I-200-8-HTR	3.6x200	8.0	180N (40lb)	3.50	52.50	0.14	2.06
LH-S-200-8-HTR	4.8x200	8.0	230N (50lb)	3.50	49.50	0.14	1.94
LH-S-300-12-HTR	4.8x300	11.8	230N (50lb)	3.50	81.00	0.14	3.18
LH-S-380-15-HTR	4.8x380	15.0	230N (50lb)	3.50	106.70	0.14	4.20
LH-HD-380-15-HTR	7.6x380	15.0	540N (120lb)	8.50	108.00	0.33	4.25



Extreme High Temp Resistant

Resistant Temp: 130°C(266°F)

● Screw Mounted Cable Ties

● Material: Polyamide 6.6

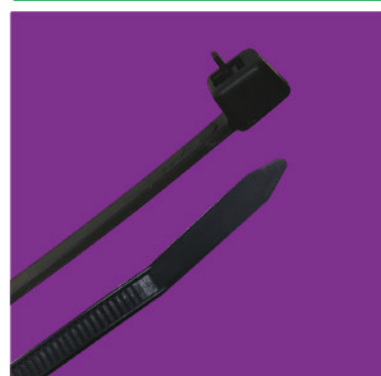
Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)	Fastener
LH-MT-M-110-4	2.5x110	4.3	80N (18lb)	3.00	19.00	0.12	0.75	M2.5 [4#]
LH-MT-I-150-6	3.6x150	6.0	180N (40lb)	3.50	35.50	0.14	1.40	M4 [8#]
LH-MT-S-160-6	4.8x160	6.3	230N (50lb)	3.50	36.80	0.14	1.45	M5 [10#]
LH-MT-S-200-8	4.8x200	8.0	230N (50lb)	3.50	49.80	0.14	1.96	M5 [10#]
LH-MT-S-300-12	4.8x300	12.0	230N (50lb)	3.50	82.80	0.14	3.26	M5 [10#]
LH-MT-S-370-15	4.8x370	14.5	230N (50lb)	3.50	103.80	0.14	4.09	M5 [10#]
LH-MT-HD-300-12	7.6x300	12.0	540N (120lb)	8.50	78.70	0.33	3.10	M6 [1/4#]
LH-MT-HD-400-16	7.6x400	15.7	540N (120lb)	8.50	109.20	0.33	4.30	M6 [1/4#]



● Releasable Cable Ties

● Material: Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-R-I-100-4	3.6x100	4.0	180N(40lb)	3.50	22.60	0.14	0.89
LH-R-S-160-6	4.8x160	6.3	230N(50lb)	3.50	41.90	0.14	1.65
LH-R-S-200-8	4.8x200	8.0	230N(50lb)	3.50	54.80	0.14	2.16
LH-R-S-305-12	4.8x305	12.0	230N(50lb)	3.50	88.10	0.14	3.47
LH-R-S-380-15	4.8x380	15.0	230N(50lb)	3.50	111.00	0.14	4.39





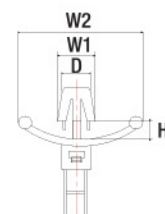
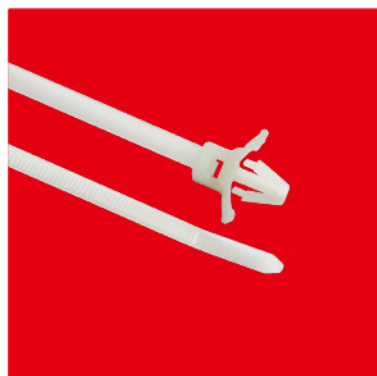
● Wing Push Mount Cable Ties

● Material:Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-WPT-M-100-4	2.5x100	4.0	80N(18lb)	3.00	21.00	0.12	0.83
LH-WPT-M-110-4	2.5x110	4.3	80N(18lb)	3.00	24.50	0.12	0.97
LH-WPT-I-155-6	3.6x155	6.1	180N(40lb)	3.50	36.90	0.14	1.45
LH-WPT-S-100-4	4.8x100	4.0	230N(50lb)	3.50	21.00	0.14	0.83
LH-WPT-S-130-5	4.8x130	6.1	230N(50lb)	3.50	30.20	0.14	1.19
LH-WPT-S-200-8	4.8x200	8.0	230N(50lb)	3.50	49.60	0.14	1.96

Item No.	W1 (mm)	W2 (mm)	D (mm)	H (Max Panel Thickness) mm	Min Hole Size (mm)	W1 (in)	W2 (in)	D (in)	H (Max Panel Thickness) (in)	Min Hole Size (in)
LH-WPT-M-100-4	5.5	18.2	5.2	3.2	4.6	0.216	0.716	0.203	0.126	0.181
LH-WPT-M-110-4	5.4	13.1	3.2	2.6	3.7	0.212	0.516	0.126	0.102	0.145
LH-WPT-I-155-6	5.4	11.5	3.1	2.4	3.5	0.212	0.453	0.122	0.094	0.138
LH-WPT-S-100-4	8.7	19.8	4.5	2.7	6.0	0.343	0.780	0.177	0.106	0.236
LH-WPT-S-130-5	8.7	19.8	4.5	2.7	6.0	0.343	0.780	0.177	0.106	0.236
LH-WPT-S-200-8	7.6	17.8	4.5	2.5	5.9	0.299	0.700	0.177	0.098	0.232

Remarks: LH-WPT-S-200-8 has the style of "releasable" available.

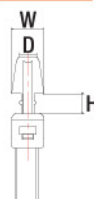


● Push Mount Cable Ties

● Material:Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-PT-150-6	3.6x155	6.0	180N(40lb)	3.50	37.90	0.14	1.49
LH-PT-200-8	4.8x200	8.0	230N(50lb)	3.50	50.80	0.14	2.00

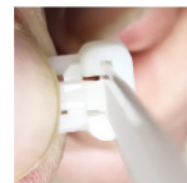
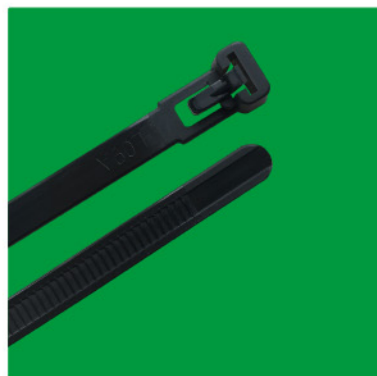
Item No.	W (mm)	D (mm)	H (Max Panel Thickness) mm	Min Hole Size (mm)	W (in)	D (in)	H (Max Panel Thickness) (in)	Min Hole Size (in)
LH-PT-150-6	5.8	3.5	2.5	4.5	0.228	0.138	0.098	0.177
LH-PT-200-8	7.0	4.3	3.9	4.9	0.275	0.169	0.153	0.193



● Reusable Cable Ties

● Material:Polyamide 6.6

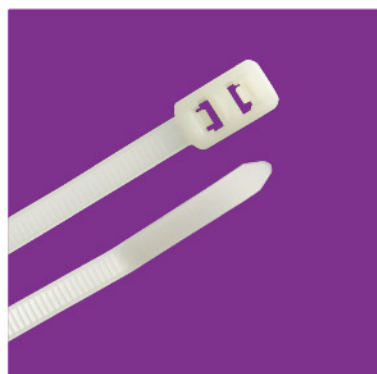
Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-R-SH-150-6	7.6x150	6.0	230N(50lb)	10.00	40.30	0.39	1.59
LH-R-SH-200-8	7.6x200	8.0	230N(50lb)	10.00	55.60	0.39	2.19
LH-R-SH-250-10	7.6x250	10.0	230N(50lb)	10.00	66.70	0.39	2.63
LH-R-SH-300-12	7.6x300	11.8	230N(50lb)	10.00	82.00	0.39	3.23
LH-R-SH-370-14	7.6x370	14.5	230N(50lb)	10.00	104.30	0.39	4.11



● Double Loop Cable Ties

● Material:Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-D-S-200-8	4.8x200	8.0	230N(50lb)	3.50	57.10	0.14	2.15
LH-D-S-300-12	4.8x300	11.8	230N(50lb)	3.50	85.30	0.14	3.36



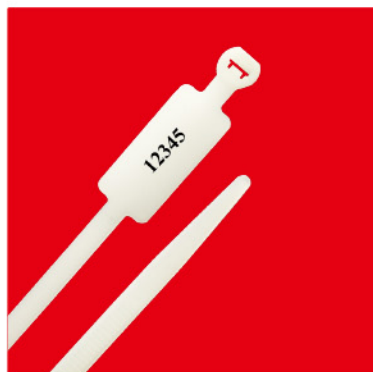


Marker Cable Ties

- Material: Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-M-M-100-4	2.5x100	4.0	80N(18lb)	3.00	22.00	0.12	0.86
LH-M-M-200-8	2.5x200	8.0	80N(18lb)	3.00	53.90	0.12	2.12
LH-M-S-190-8	4.8x190	7.0	230N(50lb)	3.50	50.90	0.14	2.00
LH-M-S-300-12	4.8x300	11.8	230N(50lb)	3.50	84.40	0.14	3.32
LH-M-S-370-14	4.8x370	14.5	230N(50lb)	3.50	106.70	0.14	4.20
LH-M-M-110-4	2.5x110	4.3	80N(18lb)	3.00	22.60	0.12	0.89

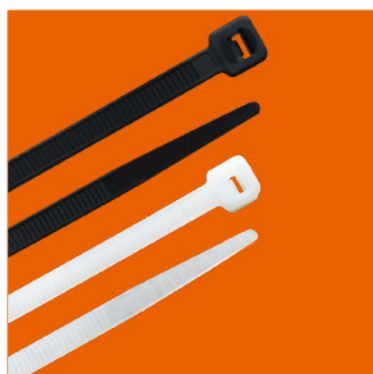
Item No.	Type	Write Area (mm)	Write Area (in)
LH-M-M-100-4	Horizontal	7.75x24.5	0.30x0.95
LH-M-M-200-8	Horizontal	7.75x24.5	0.30x0.95
LH-M-S-190-8	Vertical	12.9x27	0.50x1.05
LH-M-S-300-12	Vertical	12.9x27	0.50x1.05
LH-M-S-370-14	Vertical	12.9x27	0.50x1.05
LH-M-M-110-4	Flag	9.0x20	0.35x0.78



Extra Stronger Cable Ties

- Material: Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-75S-200-8	4.8x200	8.0	334N(75lb)	3.00	50.00	0.12	1.97
LH-75S-280-11	4.8x280	11.0	334N(75lb)	3.00	70.00	0.12	2.76
LH-75S-360-14	4.8x360	14.0	334N(75lb)	3.00	102.00	0.12	4.02



Extern Cable Ties

- Material: Polyamide 12, Polyamide 6.6 or Polyamide 6.6 in High Impact Grade
High Impact Grade Polyamide 6.6, is an unreinforced, super tough for injection molding and extrusion, it offers outstanding impact resistance over a wide temperature and humidity range.

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-E-HD-180-7	9.0x180	7.0	400N(88lb)	20.00	40.00	0.79	1.57
LH-E-HD-265-10	9.0x265	10.4	540N(120lb)	20.00	62.00	0.79	2.44
LH-E-HD-300-12	9.0x300	11.8	540N(120lb)	20.00	80.00	0.79	3.14
LH-E-HD-360-14	9.0x360	14.0	540N(120lb)	20.00	93.00	0.79	3.66
LH-E-HD-510-20	9.0x510	20.0	540N(120lb)	20.00	140.00	0.79	5.51
LH-E-HD-760-30	9.0x760	30.0	540N(120lb)	20.00	220.00	0.79	8.66



POLYPROPYLENE Cable Ties

- Material: Polypropylene
Flammability of raw material : UL 94HB
- High impact strength
- Excellent resistance to low temperature brittleness
- Good stiffness
- Resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.
- Working (Operation) Temperature: -20°C - + 75°C (0°F - + 167°F)

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-M-100-4-PP	2.5x100	4.0	50N (11lb)	3.00	20.50	0.12	0.80
LH-I-150-6-PP	3.6x150	6.0	80N (18lb)	3.50	36.00	0.14	1.41
LH-I-200-8-PP	3.6x200	8.0	80N (18lb)	3.50	52.50	0.14	2.06
LH-S-200-8-PP	4.8x200	8.0	135N (30lb)	3.50	49.50	0.14	1.94
LH-S-300-12-PP	4.8x300	11.8	135N (30lb)	3.50	81.00	0.14	3.18
LH-S-380-15-PP	4.8x380	15.0	135N (30lb)	3.50	106.70	0.14	4.20
LH-HD-380-15-PP	7.6x380	15.0	230N (50lb)	8.50	108.00	0.33	4.25

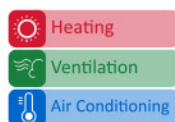




● UL 181B Listed HVAC Cable Ties

- Material: Polyamide 6.6
- UL Type: 21, UL 181B
- Black are in UV Resistant

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-HVAC-610-24	9.0x610	24.0	780N(175lb)	8.50	181.50	0.33	7.15
LH-HVAC-920-36	9.0x920	36.0	780N(175lb)	8.50	280.00	0.33	11.02
LH-HVAC-1220-48	9.0x1220	48.0	780N(175lb)	78.00	375.50	3.07	14.78



● Lashing Cable Ties

- Material: Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-L-HSD-590-23	12.4x590	23.2	1200N(250lb)	9.00	165.00	0.35	6.50

● Clamp Head Cable Ties

- Material: Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-CH-M-100-4	2.5x100	4.0	80N(18lb)	3.00	20.50	0.12	0.81
LH-CH-S-200-8	4.8x200	8.0	230N(50lb)	3.50	49.50	0.14	1.95

● Fir-tree Cable Ties

- Material: Polyamide 6.6 in heat stabilised

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-FT-S-210-8	4.8x210	8.0	230N(50lb)	3.50	49.50	0.14	1.95
LH-FT-S-200-8	4.8x200	8.0	230N(50lb)	3.50	49.50	0.14	1.95

• Remarks

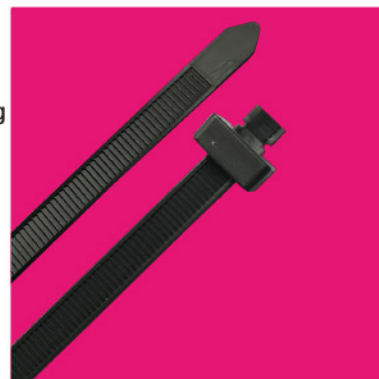
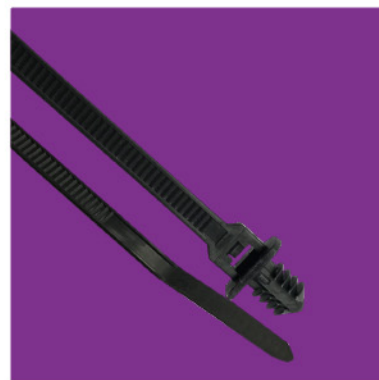
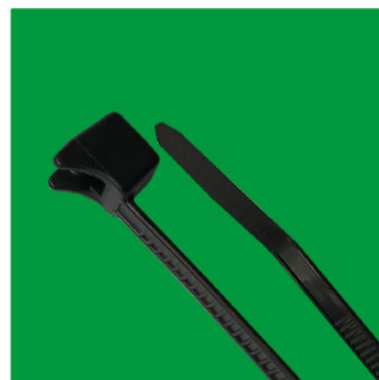
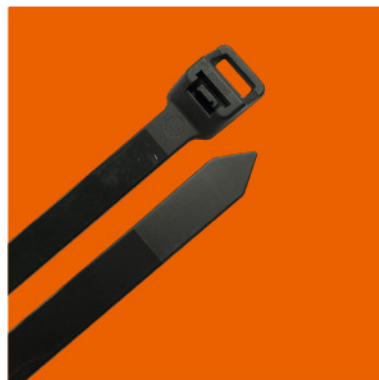
LH-FT-S-210-8 is in one piece, Min Hole size: 6.35mm (0.25in), Panel thickness is from 1.25~6.35mm (0.05~0.25in)

LH-FT-S-200-8 is in two piece, Min Hole size: 6.35mm (0.25in), Panel thickness is from 1.25~7.50mm (0.05~0.30in)

● Button Head Cable Ties

- Material: Polyamide 6.6
- Button style head sits on reverse of panel and allows tie to be secured forming a loop. Allows pipe or cable bundles to be fixed to a panel using a single hole.

Item No.	Button	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-BTR-S-200-8	Round	7.6x200	8.0	650N(145lb)	8.50	50.90	0.33	2.00
LH-BTR-S-300-12	Round	7.6x300	11.8	650N(145lb)	8.50	82.80	0.33	3.26
LH-BTR-S-370-14	Round	7.6x370	14.0	650N(145lb)	8.50	103.50	0.33	4.07
LH-BTS-S-370-14	Square	7.6x370	14.0	650N(145lb)	8.50	103.50	0.33	4.07





● Edge Clip Cable Ties

• Features

- Pre-assembled 2-piece fixing tie with EdgeClip
- Cable tie head can be moved after bundling
- For edges of 1 – 3 mm

• Application

These cable ties and EdgeClip assemblies are ideal for use where holes are not acceptable or where due to temperature problems adhesives will fail. These assemblies are widely used for fixing and bundling cables, pipes and hoses within the automotive industry, harness making, panel building and electrical industry.

• Material: Polyamide 6.6 UV-stabilized (PA66UV)

Suggested material:

Cable Ties: Polyamide 6.6, heat stabilised (PA66HS)

Foot part: Polyamide 6.6, high impact modified, heat stabilised (PA66HIRHS)

• Operation Temperature

Polyamide 6.6 UV-stabilized (PA66UV): -40°C to +85°C (-40°F to +185°F)

Heat stabilised (PA66HS): -40°C to +115°C (-40°F to +239°F)

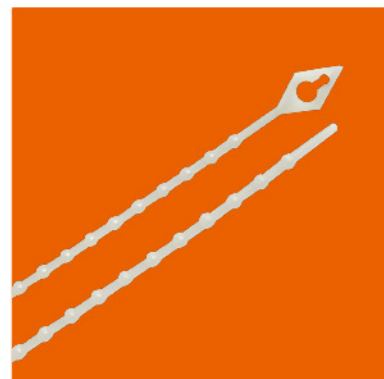
Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)	UV Resistant
LH-EC-S-200-8	4.8x200	8.0	230N(50lb)	3.50	49.50	0.14	1.95	Black Only



● Beaded Cable Ties

• Material: Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-BD-100-4	100	4.0			25.00		0.98
LH-BD-150-6	150	6.0			36.00		1.41
LH-BD-200-8	200	8.0			51.90		2.04



● Double Loop Beaded Cable Ties

• Material: Polyamide 6.6

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-DBL-210-8	4.5x210	8.0	230N(50lb)	8.00	53.50	0.31	2.11
LH-DBL-310-12	4.5x310	12.0	230N(50lb)	8.00	83.80	0.31	3.30
LH-DBL-460-18	6.5x460	18.0	540N(120lb)	8.00	129.50	0.31	5.10
LH-DBL-610-24	6.5x610	24.0	540N(120lb)	8.00	175.20	0.31	6.90



● Double Loop Beaded Cable Ties

• Material: Polyethylene

Flammability of raw material : UL 94HB

- Excellent resistance to low temperature brittleness
- Good stiffness
- Working (Operation) Temperature: -20°C - + 60°C (0°F - + 140°F)

Item No.	Size (mm)	Size (in)	Tensile Strength	Min Bundle Diameter (mm)	Max Bundle Diameter (mm)	Min Bundle Diameter (in)	Max Bundle Diameter (in)
LH-DBLPE-185-7	5.0x185	7.3	160N(35lb)	8.00	46.10	0.31	1.81
LH-DBLPE-235-9	5.0x235	9.3	160N(35lb)	8.00	62.10	0.31	2.44
LH-DBLPE-315-12	5.0x315	12.4	160N(35lb)	8.00	87.60	0.31	3.45
LH-DBLPE-500-19	7.5x500	19.7	350(80lb)	8.00	136.90	0.31	5.39
LH-DBLPE-650-26	7.5x650	25.6	350(80lb)	8.00	184.70	0.31	7.27





● Cable Ties Mounts Pad in Nylon

- Material: Polyamide 6.6
- 3M adhesive is available upon special request.
- Can be screwed if without adhesive

Item No.	Size (mm)	Size (in)	For Cable Ties width (mm)	For Cable Ties width (lb)
LH-MP-12.5-1/2	12.5x12.5	1/2	3.60	40.00
LH-MP-20-3/4	19x19	3/4	3.60	40.00
LH-MP-30-1	28x28	1.0	4.80	50.00
LH-MP-40-1.5	40x40	1-1/2	9.00	175.00

● Cable Ties Mounts Pad in ABS

- Material: Acrylonitrile Butadiene Styrene
- 3M adhesive is available upon special request.

Item No.	Size (mm)	Size (in)	For Cable Ties width (mm)	For Cable Ties width (lb)
LH-MPABS-20-3/4	19x19	3/4	3.60	40.00
LH-MPABS-25-1	25x25	1.0	4.80	50.00
LH-MPABS-30-1.2	30x30	1-1/5	7.60	120.00
LH-MPABS-40-1.5	40x40	1-1/2	9.00	175.00

● Cable Ties Mount Plug

- Material: Polyamide 6.6

Item No.	Type	Size (mm)	Size (in)	For Cable Ties width (mm)	For Cable Ties width (lb)
LH-CTP-81381	A	8.1x38.1	0.318x1.5	7.60	120.00
LH-CTP-81381E	B	8.1x38.1	0.318x1.5	7.60	120.00
LH-CTP-10643	A	10.6x43.6	0.417x1.7	7.60	120.00

● Cable Ties Screw Mount

- Material: Polyamide 6.6

Item No.	Dimensions (mm)				Dimensions (in)				Screw	For ties width
	L	W	H	D	L	W	H	D		
LH-SC-M3S	15.00	9.65	6.85	7.10	0.59	0.38	0.27	0.28	#6 (M3)	3.6mm (40lb)
LH-SC-M3	17.80	12.70	8.15	7.10	0.70	0.50	0.32	0.28	#6 (M3)	4.8mm (50lb)
LH-SC-M4	22.30	16.00	9.65	8.10	0.88	0.63	0.38	0.32	#8 (M4)	7.6mm (120lb)
LH-SC-M5S	22.30	16.00	9.65	10.10	0.88	0.63	0.38	0.40	#10 (M5)	7.6mm (120lb)
LH-SC-M5	25.40	16.00	10.80	10.10	1.00	0.63	0.43	0.40	#10 (M5)	9.0mm (175lb)

● Adhesive Cable Clamp

- Material: Polyamide 6.6
- 3M adhesive is available upon special request.

Item No.	Dimensions (mm)					Dimensions (in)					Max Dia of Cable
	A	B	C	D	E	A	B	C	D	E	
LH-CC-06-1/4	9.50	7.80	6.00	18.50	18.50	0.37	0.31	0.24	0.73	0.73	5mm
LH-CC-12-1/2	12.00	11.50	11.90	26.00	26.00	0.47	0.45	0.47	1.02	1.02	8mm
LH-CC-12-3/4	15.40	17.10	18.10	25.00	25.00	0.61	0.67	0.71	0.98	0.98	16mm

