



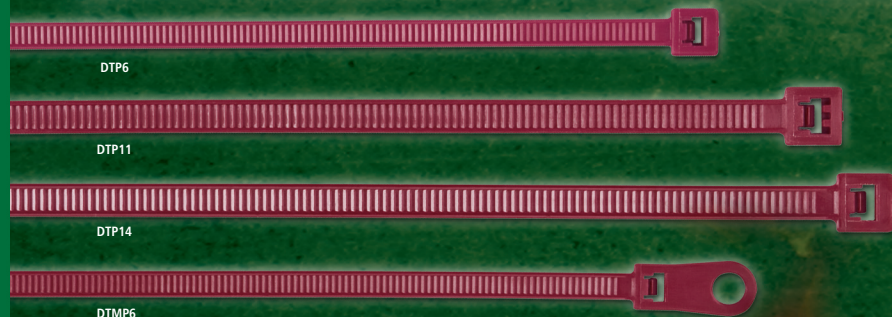
## CABLE TIE FASTENING SOLUTIONS

### Air Handling Cable Ties

- Ideal Applications: Air Handling Spaces, above drop ceilings and below raised flooring
- Meets UL 1565 low smoke generation, low heat release, and mechanical strength test
- UL Listed suitable for use in Air Handling Spaces (Plenums) in accordance with the Section 300.22 (C) and (D) of the National Electrical Code and Rules 12-010 (3), (4), and (5) and 12-020 of the Canadian Electrical Code, Part 1
- Mounting Hole Style secures and positions wire bundles, cables, etc. to surfaces with one mechanical fastener

#### AIR HANDLING CABLE TIES

| CAT. NO. | COLOR/MATERIAL | LENGTH INCH/MM | WIDTH INCH/MM | THICKNESS INCH/MM | TIE TENSILE | DIAMETER INCH/MM | UL-CSA | PER BAG | PER CASE |
|----------|----------------|----------------|---------------|-------------------|-------------|------------------|--------|---------|----------|
| DTP6     | Burgundy       | 7.56/192.07    | .180/4.572    | .052/1.320        | 50 lb.      | 1.875/47.625     | UL-CSA | 100     | 5,000    |
| DTP11    | Burgundy       | 11.25/285.75   | .180/4.572    | .052/1.320        | 50 lb.      | 3.062/77.787     | UL-CSA | 100     | 5,000    |
| DTP14    | Burgundy       | 14.56/369.87   | .180/4.572    | .052/1.320        | 50 lb.      | 4.125/104.775    | UL-CSA | 100     | 5,000    |
| DTMP6    | Burgundy       | 8.0/203.2      | .177/4.495    | .052/1.320        | 50 lb.      | 1.75/44.45       | UL-CSA | 100     | 5,000    |



### TECH TALK

#### What is the difference between a "plenum" and other "air handling spaces"?

According to the NEC, the area above a drop ceiling or below a raised floor is an example of an "other (air handling) space", whereas a plenum is the air carrying duct itself which may be located above a drop ceiling or below a raised floor. Wiring is permitted in both air-handling spaces, but only metallic wiring systems (and metallic cable ties) are permitted in "plenums" (ducts). AIR HANDLING TIES are "Suitable for use in air handling spaces in accordance with Section 300-22 (C) & (D) of the National Electrical Code". The bag label should contain the UL listed symbol.

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L. H. D O T T I E

# CABLE TIES

ENGINEERED  
FASTENING  
SOLUTIONS







L. H. D O T T I E

# CABLE TIE SYSTEM

C A B L E T I E F A S T E N I N G S O L U T I O N S

C A B L E T I E F A S T E N I N G S O L U T I O N S

Cable Tie Features

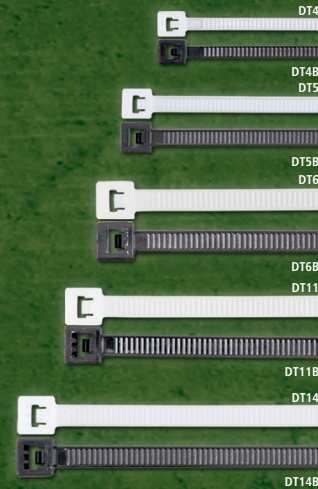
Product Range

## Cable Ties from L.H. Dottie – the Perfect Way to Bundle, Secure and Identify

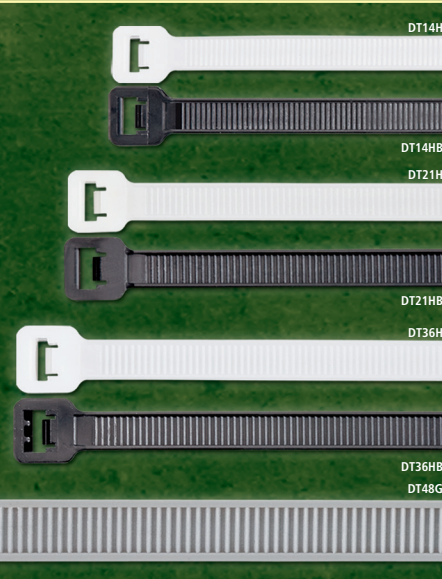
- Consistent quality from statistically controlled molding processes
- Industries highest tensile strength with the lowest insertion force
- Made in U.S.A.
- 100% product guarantee
- UL recognized for construction, performance and traceability
- Meets military specifications, AS-33671, for dimensions, moisture content, tensile strength, life cycles, fluid immersion, melting point, and corrosion
- Manufactured with filtered Nylon 6/6 eliminating particle contamination reducing failures and discoloration
- Superior product manufactured with strict quality guidelines
- Finger grips provide easy handling
- Angled tail feature eases initial insertion alignment
- One piece design, transition rails, and 3 tooth pawl provide a low insertion force while maintaining a high tensile strength
- Rounded edges eliminate insulation damage and provides added safety



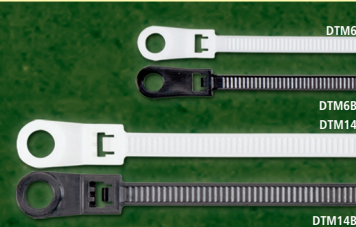
### STANDARD DUTY CABLE TIES



### HEAVY DUTY CABLE TIES



### MOUNTING HOLE CABLE TIES



### MOUNTING BASES



### STANDARD DOTTIE PAK



### STANDARD DUTY CABLE TIES

| CAT. NO. | COLOR/MATERIAL | LENGTH INCH/MM | WIDTH INCH/MM | THICKNESS INCH/MM | TIE TENSILE | DIAMETER INCH/MM | PER BAG | BULK BAG* | PER CASE |
|----------|----------------|----------------|---------------|-------------------|-------------|------------------|---------|-----------|----------|
| DT4      | Natural Nylon  | 4.12/104.77    | .095/2.413    | .042/1.066        | 18 lb.      | .875/22.225      | 100     | 1,000*    | 10,000   |
| DT4B     | UV Black Nylon | 4.12/104.77    | .095/2.413    | .042/1.066        | 18 lb.      | .875/22.225      | 100     | 1,000*    | 10,000   |
| DT5      | Natural Nylon  | 5.84/148.33    | .140/3.556    | .049/1.244        | 40 lb.      | 1.437/36.512     | 100     | 1,000*    | 10,000   |
| DT5B     | UV Black Nylon | 5.84/148.33    | .140/3.556    | .049/1.244        | 40 lb.      | 1.437/36.512     | 100     | 1,000*    | 10,000   |
| DT6      | Natural Nylon  | 7.56/192.07    | .180/4.572    | .052/1.320        | 50 lb.      | 1.875/47.625     | 100     | 1,000*    | 10,000   |
| DT6B     | UV Black Nylon | 7.56/192.07    | .180/4.572    | .052/1.320        | 50 lb.      | 1.875/47.625     | 100     | 1,000*    | 10,000   |
| DT11     | Natural Nylon  | 11.25/285.75   | .180/4.572    | .052/1.320        | 50 lb.      | 3.062/77.787     | 100     | 500*      | 5,000    |
| DT11B    | UV Black Nylon | 11.25/285.75   | .180/4.572    | .052/1.320        | 50 lb.      | 3.062/77.787     | 100     | 500*      | 5,000    |
| DT14     | Natural Nylon  | 14.56/369.87   | .180/4.572    | .052/1.320        | 50 lb.      | 4.125/104.775    | 100     | 500*      | 5,000    |
| DT14B    | UV Black Nylon | 14.56/369.87   | .180/4.572    | .052/1.320        | 50 lb.      | 4.125/104.775    | 100     | 500*      | 5,000    |

### HEAVY DUTY CABLE TIES

| CAT. NO. | COLOR/MATERIAL | LENGTH INCH/MM | WIDTH INCH/MM | THICKNESS INCH/MM | TIE TENSILE | DIAMETER INCH/MM | PER BAG | BULK BAG* | PER CASE |
|----------|----------------|----------------|---------------|-------------------|-------------|------------------|---------|-----------|----------|
| DT14H    | Natural Nylon  | 15.09/383.36   | .300/7.620    | .076/1.930        | 120 lb.     | 4.06/103.18      | 50      | -         | 2,000    |
| DT14HB   | UV Black Nylon | 15.09/383.36   | .300/7.620    | .076/1.930        | 120 lb.     | 4.06/103.18      | 50      | -         | 2,000    |
| DT21H    | Natural Nylon  | 25.25/641.35   | .340/8.636    | .090/2.286        | 175 lb.     | 7.18/182.56      | 50      | -         | 500      |
| DT21HB   | UV Black Nylon | 25.25/641.35   | .340/8.636    | .090/2.286        | 175 lb.     | 7.18/182.56      | 50      | -         | 500      |
| DT36H    | Natural Nylon  | 37.25/946.15   | .340/8.636    | .090/2.286        | 175 lb.     | 11.00/279.40     | 50      | -         | 500      |
| DT36HB   | UV Black Nylon | 37.25/946.15   | .340/8.636    | .090/2.286        | 175 lb.     | 11.00/279.40     | 50      | -         | 500      |
| DT48G    | Gray Nylon     | 48.50/1231.9   | .340/8.636    | .090/2.286        | 175 lb.     | 14.50/368.30     | 50      | -         | 500      |

### MOUNTING HOLE CABLE TIES

| CAT. NO. | COLOR/MATERIAL | LENGTH INCH/MM | SCREW HOLE | WIDTH INCH/MM | THICKNESS INCH/MM | TIE TENSILE | DIAMETER INCH/MM | PER BAG | PER CASE |
|----------|----------------|----------------|------------|---------------|-------------------|-------------|------------------|---------|----------|
| DTM6     | Natural Nylon  | 8.0/203.2      | No. 10     | .177/4.495    | .052/1.320        | 50 lb.      | 1.75/44.45       | 100     | 5,000    |
| DTM6B    | UV Black Nylon | 8.0/203.2      | No. 10     | .177/4.495    | .052/1.320        | 50 lb.      | 1.75/44.45       | 100     | 5,000    |
| DTM14    | Natural Nylon  | 14.5/368.3     | No. 10     | .177/4.495    | .053/1.346        | 50 lb.      | 4.00/101.60      | 100     | 5,000    |
| DTM14B   | UV Black Nylon | 14.5/368.3     | No. 10     | .177/4.495    | .053/1.346        | 50 lb.      | 4.00/101.60      | 100     | 5,000    |

### MOUNTING BASES

| CAT. NO. | COLOR/MATERIAL | SCREW HOLE | WIDTH INCH/MM | HEIGHT INCH/MM | ADHESIVE | SLOT HEIGHT INCH/MM | SLOT WIDTH INCH/MM | PER BAG | PER CASE |
|----------|----------------|------------|---------------|----------------|----------|---------------------|--------------------|---------|----------|
| DT75S    | Natural Nylon  | No. 4      | .74/18.79     | .19/4.82       | Rubber   | .05/1.27            | .20/5.08           | 100     | 1,000    |
| DT75SB   | UV Black Nylon | No. 4      | .74/18.79     | .19/4.82       | Rubber   | .05/1.27            | .20/5.08           | 100     | 1,000    |
| DT100S   | Natural Nylon  | No. 6      | .99/25.14     | .20/5.08       | Rubber   | .06/1.52            | .20/5.08           | 100     | 1,000    |
| DT100SB  | UV Black Nylon | No. 6      | .99/25.14     | .20/5.08       | Rubber   | .06/1.52            | .20/5.08           | 100     | 1,000    |

### STANDARD DOTTIE PAK

| CAT. NO. | COLOR/MATERIAL | COMPONENT PART NUMBER | COMPONENT QUANTITIES | LENGTH INCH/MM | WIDTH INCH/MM | THICKNESS INCH/MM | TIE TENSILE | DIAMETER INCH/MM | PER CASE |
|----------|----------------|-----------------------|----------------------|----------------|---------------|-------------------|-------------|------------------|----------|
| 450      | Natural Nylon  | DT4                   | 200                  | 4.12/104.77    | .095/2.413    | .042/1.066        | 18 lb.      | .875/22.225      | 20       |
|          |                | DT6                   | 100                  | 7.56/192.07    | .180/4.572    | .052/1.320        | 50 lb.      | 1.875/47.625     | -        |
|          |                | DT11                  | 100                  | 11.25/285.75   | .180/4.572    | .052/1.320        | 50 lb.      | 3.062/77.787     | -        |
| 450B     | UV Black Nylon | DT4B                  | 200                  | 4.12/104.77    | .095/2.413    | .042/1.066        | 18 lb.      | .875/22.225      | 20       |
|          |                | DT6B                  | 100                  | 7.56/192.07    | .180/4.572    | .052/1.320        | 50 lb.      | 1.875/47.625     | -        |
|          |                | DT11B                 | 100                  | 11.25/285.75   | .180/4.572    | .052/1.320        | 50 lb.      | 3.062/77.787     | -        |

\* Add "Bulk" to the end of part number for Bulk Bag

Mil-Spec available upon request