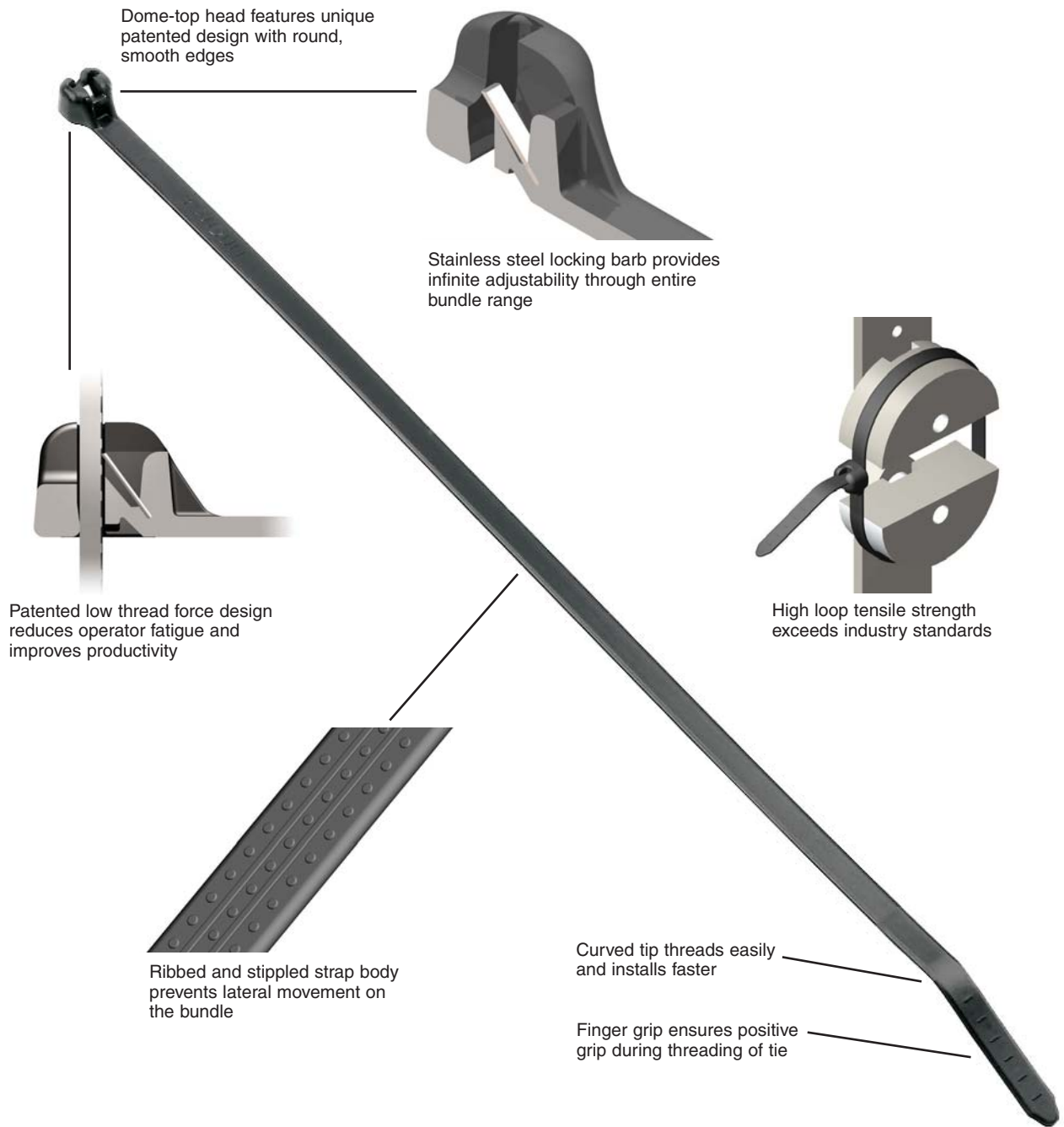


Features and Benefits – Dome-Top® Barb Ty Cable Ties

Two-piece design incorporates a stainless steel locking barb in a nylon cable tie.



Cable tie tools speed installation and reduce total installed cost. See pages B1.109 – B1.114.



Cable tie accessories are used to speed and simplify the mounting of wires, cables, and tubing. See pages B2.1 – B2.29.

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B3. Stainless Steel Ties

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C2. Surface Raceway

C3. Abrasion Protection

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D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Selection Guide – Dome-Top® Barb Ty and Dura-Ty™ Cable Ties

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B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

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E1. Labeling Systems

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Dome-Top® Barb Ty Cable Ties

| Material, Color (Suffix) | Style/Function | Part Number Prefix | Catalog Page |
|---|-----------------------|-----------------------|--------------|
| Nylon 6.6, Natural (No Suffix) | Locking Ties/Bundle | BT | B1.45 |
| | Clamp Ties/Mount | BC | B1.48 |
| | Push Mount Ties/Mount | BW | B1.50 |
| | Marker Ties/Identify | BF, BM, B2M, B3M, B4M | B1.52 |
| Weather Resistant Nylon 6.6, Black (0) | Locking Ties/Bundle | BT | B1.46 |
| | Clamp Ties/Mount | BC | B1.49 |
| | Push Mount Ties/Mount | BW, BP | B1.50,51 |
| | Marker Ties/Identify | BF, BM, B2M, B3M, B4M | B1.52 |
| Heat Stabilized Nylon 6.6, Black (30) | Locking Ties/Bundle | BT | B1.47 |
| | Clamp Ties/Mount | BC | B1.49 |
| Heat Stabilized Nylon 6.6, Natural (39) | Locking Ties/Bundle | BT | B1.47 |

Dura-Ty™ Cable Ties, Strapping, and Kits

| | | | |
|---------------------------------|---------------------|----|-------|
| Weather Resistant Acetal, Black | Locking Ties/Bundle | DT | B1.53 |
|---------------------------------|---------------------|----|-------|

Part Number System for Dome-Top® Barb Ty and Dura-Ty™ Cable Ties

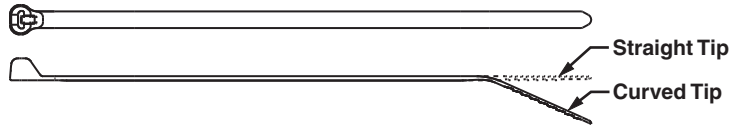
| BT | 2 | S | — | C | T |
|---|-----------------------------------|--|--|---|----------------|
| Type | Size | Cross Section | Screw Hole Size | Package Size | Material/Color |
| BT = Locking Tie BC = Clamp Tie BF = Flag Tie BM = Marker Tie BP = Push Mount Tie BW = Wing Push Mount Tie DT = Locking Tie | Approx. Maximum Bundle Dia. (In.) | M = Miniature I = Intermediate S = Standard LH = Light-Heavy H = Heavy EH = Extra-Heavy | (Clamp Ties Only) -S4 = #4 (M2.5) -S6 = #6 (M3) -S8 = #8 (M4) -S10 = #10 (M5) -S25 = 1/4 (M6) | Q = 25 L = 50 C = 100 TL = 250 D = 500 M = 1000 LR = 50' Reel | See Page B1.54 |



Dome-Top® Barb Ty Cable Ties – Nylon 6.6

- For indoor use
- Dome-top head features unique patented design with round, smooth edges
- Stainless steel locking barb provides consistent performance, reliability, and infinite adjustability through entire bundle range

- High strength and low thread force
- A variety of materials and colors are available for specific applications
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation
- UL Listed for use in plenum or air handling spaces per NEC



| Part Number | Length | | Width | | Thickness | | Max. Bundle Dia. | | Min. Loop Tensile Str. | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|--------|----|-------|----|-----------|----|------------------|----|------------------------|---|-------------------------------|----------------|----------------|
| | In. | mm | In. | mm | In. | mm | In. | mm | Lbs. | N | | | |

Miniature Cross Section – Plenum-Rated

| | | | | | | | | | | | | | |
|-----------------|------|-----|------|-----|------|-----|------|-----|----|----|----------------------------------|-----|------|
| BT1M-C | 4.0 | 102 | .095 | 2.4 | .036 | .9 | .90 | 23 | 18 | 80 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| BT1.5M-C | 6.3 | 160 | .095 | 2.4 | .046 | 1.2 | 1.50 | 38 | 18 | 80 | | 100 | 1000 |
| BT2M-C | 7.9 | 201 | .095 | 2.4 | .046 | 1.2 | 2.00 | 51 | 18 | 80 | | 100 | 1000 |
| BT4M-C | 14.2 | 361 | .095 | 2.4 | .046 | 1.2 | 4.00 | 102 | 18 | 80 | | 100 | 1000 |

Intermediate Cross Section – Plenum-Rated

| | | | | | | | | | | | | | |
|-----------------|------|-----|------|-----|------|-----|------|-----|----|-----|----------------------------------|-----|------|
| BT1.5I-C | 6.1 | 155 | .141 | 3.6 | .041 | 1.0 | 1.50 | 38 | 40 | 178 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| BT2I-C | 8.0 | 203 | .141 | 3.6 | .041 | 1.0 | 2.00 | 51 | 40 | 178 | | 100 | 1000 |
| BT3I-C | 11.3 | 287 | .141 | 3.6 | .049 | 1.2 | 3.00 | 76 | 40 | 178 | | 100 | 1000 |
| BT4I-C | 14.3 | 363 | .141 | 3.6 | .049 | 1.2 | 4.00 | 102 | 40 | 178 | | 100 | 1000 |

Standard Cross Section – Plenum-Rated

| | | | | | | | | | | | | | |
|---------------|------|-----|------|-----|------|-----|------|-----|----|-----|--|-----|------|
| BT2S-C | 8.0 | 203 | .185 | 4.7 | .045 | 1.1 | 2.00 | 51 | 50 | 222 | GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2 | 100 | 1000 |
| BT3S-C | 12.0 | 305 | .185 | 4.7 | .052 | 1.3 | 3.00 | 76 | 50 | 222 | | 100 | 1000 |
| BT4S-C | 15.1 | 384 | .185 | 4.7 | .052 | 1.3 | 4.00 | 102 | 50 | 222 | | 100 | 1000 |

Light-Heavy Cross Section (Straight Tip) – Plenum-Rated

| | | | | | | | | | | | | | |
|----------------|------|-----|------|-----|------|-----|------|-----|-----|-----|------------------------------------|----|-----|
| BT2LH-L | 8.7 | 221 | .275 | 7.0 | .065 | 1.7 | 2.00 | 51 | 120 | 534 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 50 | 500 |
| BT3LH-L | 11.8 | 300 | .275 | 7.0 | .065 | 1.7 | 3.00 | 76 | 120 | 534 | | 50 | 500 |
| BT4LH-L | 14.9 | 378 | .275 | 7.0 | .065 | 1.7 | 4.00 | 102 | 120 | 534 | | 50 | 500 |
| BT5LH-L | 18.1 | 460 | .275 | 7.0 | .065 | 1.7 | 5.00 | 127 | 120 | 534 | | 50 | 500 |
| BT6LH-L | 21.2 | 538 | .275 | 7.0 | .065 | 1.7 | 6.00 | 152 | 120 | 534 | | 50 | 500 |
| BT7LH-L | 24.4 | 620 | .275 | 7.0 | .065 | 1.7 | 7.00 | 178 | 120 | 534 | | 50 | 500 |
| BT8LH-L | 27.5 | 699 | .275 | 7.0 | .065 | 1.7 | 8.00 | 203 | 120 | 534 | | 50 | 500 |
| BT9LH-L | 30.7 | 780 | .275 | 7.0 | .065 | 1.7 | 9.00 | 229 | 120 | 534 | | 50 | 500 |

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

A. System Overview

UL **UL** **CSA** **Dome-Top® Barb Ty Cable Ties – Weather Resistant Nylon 6.6**

B1. Cable Ties

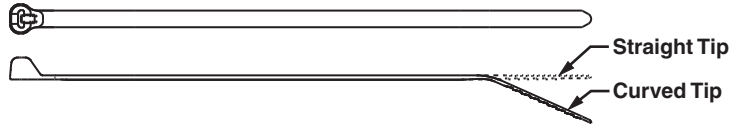
- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Dome-top head features unique patented design with round, smooth edges

- Stainless steel locking barb provides consistent performance, reliability, and infinite adjustability through entire bundle range
- High strength and low thread force
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation

B2. Cable Accessories



B3. Stainless Steel Ties



C1. Wiring Duct

C2. Surface Raceway

| Part Number | Length | | Width | | Thickness | | Max. Bundle Dia. | | Min. Loop Tensile Str. | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|--------|----|-------|----|-----------|----|------------------|----|------------------------|---|-------------------------------|----------------|----------------|
| | In. | mm | In. | mm | In. | mm | In. | mm | Lbs. | N | | | |

C3. Abrasion Protection

| Miniature Cross Section | | | | | | | | | | | | | |
|-------------------------|------|-----|------|-----|------|-----|------|-----|----|----|----------------------------------|-----|------|
| BT1M-C0 | 4.0 | 102 | .095 | 2.4 | .036 | .9 | .90 | 23 | 18 | 80 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| BT1.5M-C0 | 6.3 | 160 | .095 | 2.4 | .046 | 1.2 | 1.50 | 38 | 18 | 80 | | 100 | 1000 |
| BT2M-C0 | 7.9 | 201 | .095 | 2.4 | .046 | 1.2 | 2.00 | 51 | 18 | 80 | | 100 | 1000 |
| BT4M-C0 | 14.2 | 361 | .095 | 2.4 | .046 | 1.2 | 4.00 | 102 | 18 | 80 | | 100 | 1000 |

C4. Cable Management

| Intermediate Cross Section | | | | | | | | | | | | | |
|----------------------------|------|-----|------|-----|------|-----|------|-----|----|-----|----------------------------------|-----|------|
| BT1.5I-C0 | 6.1 | 155 | .141 | 3.6 | .041 | 1.0 | 1.50 | 38 | 40 | 178 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| BT2I-C0 | 8.0 | 203 | .141 | 3.6 | .041 | 1.0 | 2.00 | 51 | 40 | 178 | | 100 | 1000 |
| BT3I-C0 | 11.3 | 287 | .141 | 3.6 | .049 | 1.2 | 3.00 | 76 | 40 | 178 | | 100 | 1000 |
| BT4I-C0 | 14.3 | 363 | .141 | 3.6 | .049 | 1.2 | 4.00 | 102 | 40 | 178 | | 100 | 1000 |

D1. Terminals

| Standard Cross Section | | | | | | | | | | | | | |
|------------------------|------|-----|------|-----|------|-----|------|-----|----|-----|--|-----|------|
| BT2S-C0 | 8.0 | 203 | .185 | 4.7 | .045 | 1.1 | 2.00 | 51 | 50 | 222 | GTS, GTSL, GS2B, GTH, GS4H, PTS, PTH, PPTS, STS2, STH2 | 100 | 1000 |
| BT3S-C0 | 12.0 | 305 | .185 | 4.7 | .052 | 1.3 | 3.00 | 76 | 50 | 222 | | 100 | 1000 |
| BT4S-C0 | 15.1 | 384 | .185 | 4.7 | .052 | 1.3 | 4.00 | 102 | 50 | 222 | | 100 | 1000 |

D2. Power Connectors

D3. Grounding Connectors

| Light-Heavy Cross Section (Straight Tip) | | | | | | | | | | | | | |
|--|------|-----|------|-----|------|-----|------|-----|-----|-----|------------------------------------|----|-----|
| BT2LH-L0 | 8.7 | 221 | .275 | 7.0 | .065 | 1.7 | 2.00 | 51 | 120 | 534 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 50 | 500 |
| BT3LH-L0 | 11.8 | 300 | .275 | 7.0 | .065 | 1.7 | 3.00 | 76 | 120 | 534 | | 50 | 500 |
| BT4LH-L0 | 14.9 | 378 | .275 | 7.0 | .065 | 1.7 | 4.00 | 102 | 120 | 534 | | 50 | 500 |
| BT5LH-L0 | 18.1 | 460 | .275 | 7.0 | .065 | 1.7 | 5.00 | 127 | 120 | 534 | | 50 | 500 |
| BT6LH-L0 | 21.2 | 538 | .275 | 7.0 | .065 | 1.7 | 6.00 | 152 | 120 | 534 | | 50 | 500 |
| BT7LH-L0 | 24.4 | 620 | .275 | 7.0 | .065 | 1.7 | 7.00 | 178 | 120 | 534 | | 50 | 500 |
| BT8LH-L0 | 27.5 | 699 | .275 | 7.0 | .065 | 1.7 | 8.00 | 203 | 120 | 534 | | 50 | 500 |
| BT9LH-L0 | 30.7 | 780 | .275 | 7.0 | .065 | 1.7 | 9.00 | 229 | 120 | 534 | | 50 | 500 |

E1. Labeling Systems

E2. Labels

Note: UL Recognized, UL Listed, and CSA Certified, except LH cross section.

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Dome-Top® Barb Ty Cable Ties – Heat Stabilized Nylon 6.6

- For high temperature applications up to 239°F (115°C) – indoor use
- Dome-top head features unique patented design with round, smooth edges

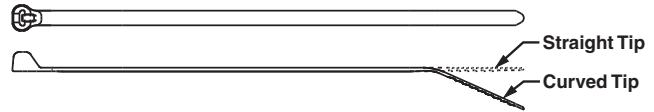
- Stainless steel locking barb provides consistent performance, reliability, and infinite adjustability through entire bundle range
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation



BT2S-M30



BT2S-M39



| Part Number | Length | | Width | | Thickness | | Max. Bundle Dia. | | Min. Loop Tensile Str. | | Recommended Installation Tool | Std. Pkg. Qty. | Std. Ctn. Qty. |
|-------------|--------|----|-------|----|-----------|----|------------------|----|------------------------|---|-------------------------------|----------------|----------------|
| | In. | mm | In. | mm | In. | mm | In. | mm | Lbs. | N | | | |

Heat Stabilized Nylon 6.6 – Black

Miniature Cross Section

| | | | | | | | | | | | | | |
|------------|-----|-----|------|-----|------|-----|------|----|----|----|----------------------------------|------|-------|
| BT1M-C30 | 4.0 | 102 | .095 | 2.4 | .036 | .9 | .90 | 23 | 18 | 80 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 100 | 1000 |
| BT1.5M-M30 | 6.3 | 160 | .095 | 2.4 | .046 | 1.2 | 1.50 | 38 | 18 | 80 | | 1000 | 50000 |
| BT2M-M30 | 7.9 | 201 | .095 | 2.4 | .046 | 1.2 | 2.00 | 51 | 18 | 80 | | 1000 | 25000 |

Intermediate Cross Section

| | | | | | | | | | | | | | |
|------------|------|-----|------|-----|------|-----|------|----|----|-----|----------------------------------|------|-------|
| BT1.5I-M30 | 6.1 | 155 | .141 | 3.6 | .041 | 1.0 | 1.50 | 38 | 40 | 178 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 1000 | 25000 |
| BT2I-M30 | 8.0 | 203 | .141 | 3.6 | .041 | 1.0 | 2.00 | 51 | 40 | 178 | | 1000 | 25000 |
| BT3I-M30 | 11.3 | 287 | .141 | 3.6 | .049 | 1.2 | 3.00 | 76 | 40 | 178 | | 1000 | 10000 |

Standard Cross Section

| | | | | | | | | | | | | | |
|----------|------|-----|------|-----|------|-----|------|-----|----|-----|--|------|-------|
| BT2S-M30 | 8.0 | 203 | .185 | 4.7 | .045 | 1.1 | 2.00 | 51 | 50 | 222 | GTS, GTSL, GS2B, GTS, GS4H, PTS, PTH, PPTS, STS2, STH2 | 1000 | 10000 |
| BT3S-M30 | 12.0 | 305 | .185 | 4.7 | .052 | 1.3 | 3.00 | 76 | 50 | 222 | | 1000 | 10000 |
| BT4S-M30 | 15.1 | 384 | .185 | 4.7 | .052 | 1.3 | 4.00 | 102 | 50 | 222 | | 1000 | 5000 |

Light-Heavy Cross Section (Straight Tip)

| | | | | | | | | | | | | | |
|------------|------|-----|------|-----|------|-----|------|-----|-----|-----|------------------------------------|-----|------|
| BT4LH-TL30 | 14.9 | 378 | .275 | 7.0 | .065 | 1.7 | 4.00 | 102 | 120 | 534 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 250 | 2500 |
|------------|------|-----|------|-----|------|-----|------|-----|-----|-----|------------------------------------|-----|------|

Heat Stabilized Nylon 6.6 – Natural

Miniature Cross Section

| | | | | | | | | | | | | | |
|----------|-----|-----|------|-----|------|----|-----|----|----|----|----------------------------------|------|-------|
| BT1M-M39 | 4.0 | 102 | .095 | 2.4 | .036 | .9 | .90 | 23 | 18 | 80 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 1000 | 50000 |
|----------|-----|-----|------|-----|------|----|-----|----|----|----|----------------------------------|------|-------|

Intermediate Cross Section

| | | | | | | | | | | | | | |
|------------|-----|-----|------|-----|------|-----|------|----|----|-----|----------------------------------|------|-------|
| BT1.5I-M39 | 6.1 | 155 | .141 | 3.6 | .041 | 1.0 | 1.50 | 38 | 40 | 178 | GTS, GTSL, GS2B, PTS, PPTS, STS2 | 1000 | 25000 |
|------------|-----|-----|------|-----|------|-----|------|----|----|-----|----------------------------------|------|-------|

Standard Cross Section

| | | | | | | | | | | | | | |
|----------|------|-----|------|-----|------|-----|------|-----|----|-----|--|------|-------|
| BT2S-M39 | 8.0 | 203 | .185 | 4.7 | .045 | 1.1 | 2.00 | 51 | 50 | 222 | GTS, GTSL, GS2B, GTS, GS4H, PTS, PTH, PPTS, STS2, STH2 | 1000 | 10000 |
| BT3S-M39 | 12.0 | 305 | .185 | 4.7 | .052 | 1.3 | 3.00 | 76 | 50 | 222 | | 1000 | 10000 |
| BT4S-M39 | 15.1 | 384 | .185 | 4.7 | .052 | 1.3 | 4.00 | 102 | 50 | 222 | | 1000 | 5000 |

Light-Heavy Cross Section (Straight Tip)

| | | | | | | | | | | | | | |
|------------|------|-----|------|-----|------|-----|------|-----|-----|-----|------------------------------------|-----|------|
| BT4LH-TL39 | 14.9 | 378 | .275 | 7.0 | .065 | 1.7 | 4.00 | 102 | 120 | 534 | GTH, GS4H, GS4EH, PTH, STH2, ST3EH | 250 | 2500 |
|------------|------|-----|------|-----|------|-----|------|-----|-----|-----|------------------------------------|-----|------|

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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D2. Power Connectors

D3. Grounding Connectors

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