

Ratchet P-Clamp

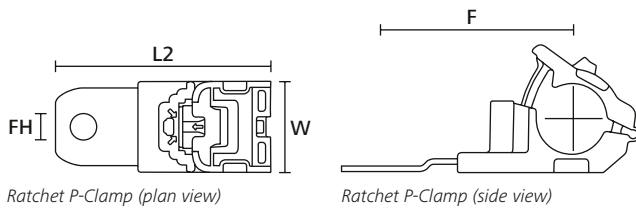
The Ratchet P-Clamp family offers versatility when managing wires, cables and hoses. The robust design and durable materials make it ideal for heavy duty applications, both in- and outdoors. The one-piece adjustable clamp can be closed by hand to the desired diameter. The release feature provides easy and nondestructive removal of cables simply by using a flat-head screwdriver. This nondestructive release allows the clamp to be reused without removing or replacing any bolts or screws. The Ratchet P-Clamp is offered in four sizes and multiple mounting configurations.

Features and benefits

- One-piece ratchet closure design allows for easy installation during pre- or final assembly
- Multiple configurations handle a wide range of diameters and applications, reducing part inventory
- Clamp interior is designed to guide and center bundle to reduce pinching
- Easy release feature allows for quick adjustments and maintenance
- Impact modified, heat and UV stabilized PA66 provides long-term durability, in- and outdoors
- Steel mounting plate tolerates high torque mounting and is treated to resist chemicals and salt spray



Ratchet P-Clamp - A more versatile way to mount and clamp cables.



Ratchet P-Clamp (plan view)

Ratchet P-Clamp (side view)



Material specification please see page 22.

For bundle diameters from 6.2 mm to 13.7 mm

| PART DESCRIPTION | Width (W) | Length (L2) | Bundle Ø min. | Bundle Ø max. | Hole Ø (FH) | Fixing Hole Centres (F) | Variant |
|---------------------------------|-----------|-------------|---------------|---------------|-------------|-------------------------|---------|
| RCA90SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 68.8 | 6.2 | 13.7 | 6.5 | 24.9 | Short |
| RCA90SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 68.8 | 6.2 | 13.7 | 8.31 | 24.9 | Short |
| RCA90SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 68.8 | 6.2 | 13.7 | 10.29 | 24.9 | Short |
| RCA90SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 68.8 | 6.2 | 13.7 | 12.95 | 24.9 | Short |
| RCA30SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 78.5 | 6.2 | 13.7 | 6.5 | 47.7 | Short |
| RCA30SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 78.5 | 6.2 | 13.7 | 8.31 | 47.7 | Short |
| RCA30SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 78.5 | 6.2 | 13.7 | 10.29 | 47.7 | Short |
| RCA30SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 78.5 | 6.2 | 13.7 | 12.95 | 47.7 | Short |
| RCA180SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 83.1 | 6.2 | 13.7 | 6.5 | 50.5 | Short |
| RCA180SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 83.1 | 6.2 | 13.7 | 8.31 | 50.5 | Short |
| RCA180SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 83.1 | 6.2 | 13.7 | 10.29 | 50.5 | Short |
| RCA180SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 83.1 | 6.2 | 13.7 | 12.95 | 50.5 | Short |
| RCA15SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 86.9 | 6.2 | 13.7 | 6.5 | 54.7 | Short |
| RCA15SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 86.9 | 6.2 | 13.7 | 8.31 | 54.7 | Short |
| RCA15SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 86.9 | 6.2 | 13.7 | 10.29 | 54.7 | Short |
| RCA15SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 86.9 | 6.2 | 13.7 | 12.95 | 54.7 | Short |
| RCA90LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 96.8 | 6.2 | 13.7 | 6.5 | 24.9 | Long |
| RCA90LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 96.8 | 6.2 | 13.7 | 8.31 | 24.9 | Long |
| RCA90LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 96.8 | 6.2 | 13.7 | 10.29 | 24.9 | Long |

All dimensions in mm. Subject to technical changes.



Ratchet P-Clamp

For bundle diameters from 6.2 mm to 13.7 mm

| PART DESCRIPTION | Width (W) | Length (L2) | Bundle Ø min. | Bundle Ø max. | Hole Ø (FH) | Fixing Hole Centres (F) | Variant |
|---------------------------------|-----------|-------------|---------------|---------------|-------------|-------------------------|---------|
| RCA90LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 96.8 | 6.2 | 13.7 | 12.95 | 24.9 | Long |
| RCA30LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.2 | 6.2 | 13.7 | 6.5 | 72.4 | Long |
| RCA30LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.2 | 6.2 | 13.7 | 8.31 | 72.4 | Long |
| RCA30LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.2 | 6.2 | 13.7 | 10.29 | 72.4 | Long |
| RCA30LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.2 | 6.2 | 13.7 | 12.95 | 72.4 | Long |
| RCA180MM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 105.1 | 6.2 | 13.7 | 6.5 | 72.5 | Medium |
| RCA180MM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 105.1 | 6.2 | 13.7 | 8.31 | 72.5 | Medium |
| RCA180MM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 105.1 | 6.2 | 13.7 | 10.29 | 72.5 | Medium |
| RCA180MM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 105.1 | 6.2 | 13.7 | 12.95 | 72.5 | Medium |
| RCA180LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 134.1 | 6.2 | 13.7 | 6.5 | 101.5 | Long |
| RCA180LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 134.1 | 6.2 | 13.7 | 8.31 | 101.5 | Long |
| RCA180LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 134.1 | 6.2 | 13.7 | 10.29 | 101.5 | Long |
| RCA180LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 134.1 | 6.2 | 13.7 | 12.95 | 101.5 | Long |

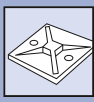
All dimensions in mm. Subject to technical changes.

For bundle diameters from 12.7 mm to 19.5 mm

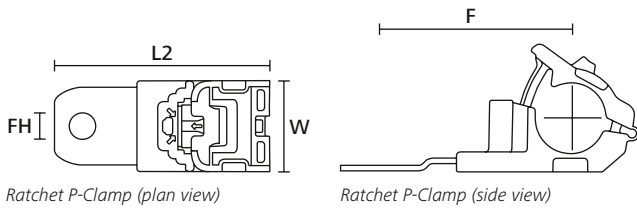
| PART DESCRIPTION | Width (W) | Length (L2) | Bundle Ø min. | Bundle Ø max. | Hole Ø (FH) | Fixing Hole Centres (F) | Variant |
|---------------------------------|-----------|-------------|---------------|---------------|-------------|-------------------------|---------|
| RCB90SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 68.8 | 12.7 | 19.5 | 6.5 | 26.7 | Short |
| RCB90SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 68.8 | 12.7 | 19.5 | 8.31 | 26.7 | Short |
| RCB90SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 68.8 | 12.7 | 19.5 | 12.95 | 26.7 | Short |
| RCB30SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 78.5 | 12.7 | 19.5 | 6.5 | 48.8 | Short |
| RCB30SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 78.5 | 12.7 | 19.5 | 8.31 | 48.8 | Short |
| RCB30SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 78.5 | 12.7 | 19.5 | 10.29 | 48.8 | Short |
| RCB30SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 78.5 | 12.7 | 19.5 | 12.95 | 48.8 | Short |
| RCB180SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 83.1 | 12.7 | 19.5 | 6.5 | 52.8 | Short |
| RCB180SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 83.1 | 12.7 | 19.5 | 8.31 | 52.8 | Short |
| RCB180SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 83.1 | 12.7 | 19.5 | 12.95 | 52.8 | Short |
| RCB15SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 86.9 | 12.7 | 19.5 | 6.5 | 56.5 | Short |
| RCB15SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 86.9 | 12.7 | 19.5 | 8.31 | 56.5 | Short |
| RCB15SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 86.9 | 12.7 | 19.5 | 10.29 | 56.5 | Short |
| RCB15SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 86.9 | 12.7 | 19.5 | 12.95 | 56.5 | Short |
| RCB90LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 96.8 | 12.7 | 19.5 | 6.5 | 26.7 | Long |
| RCB90LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 96.8 | 12.7 | 19.5 | 8.31 | 26.7 | Long |
| RCB90LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 96.8 | 12.7 | 19.5 | 10.29 | 26.7 | Long |
| RCB90LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 96.8 | 12.7 | 19.5 | 12.95 | 26.7 | Long |
| RCB30LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.2 | 12.7 | 19.5 | 6.5 | 73.5 | Long |
| RCB30LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.2 | 12.7 | 19.5 | 8.31 | 73.5 | Long |
| RCB30LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.2 | 12.7 | 19.5 | 10.29 | 73.5 | Long |
| RCB30LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.2 | 12.7 | 19.5 | 12.95 | 73.5 | Long |
| RCB180MM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 105.1 | 12.7 | 19.5 | 6.5 | 74.8 | Medium |
| RCB180MM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 105.1 | 12.7 | 19.5 | 8.31 | 74.8 | Medium |
| RCB180MM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 105.1 | 12.7 | 19.5 | 10.29 | 74.8 | Medium |
| RCB180MM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 105.1 | 12.7 | 19.5 | 12.95 | 74.8 | Medium |

All dimensions in mm. Subject to technical changes.





Ratchet P-Clamp



Ratchet P-Clamp (plan view)

Ratchet P-Clamp (side view)



Material specification please see page 22.

For bundle diameters from 12.7 mm to 19.5 mm

| PART DESCRIPTION | Width (W) | Length (L2) | Bundle Ø min. | Bundle Ø max. | Hole Ø (FH) | Fixing Hole Centres (F) | Variant |
|---------------------------------|-----------|-------------|---------------|---------------|-------------|-------------------------|---------|
| RCB180LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 134.1 | 12.7 | 19.5 | 6.5 | 103.8 | Long |
| RCB180LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 134.1 | 12.7 | 19.5 | 8.31 | 103.8 | Long |
| RCB180LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 134.1 | 12.7 | 19.5 | 10.29 | 103.8 | Long |
| RCB180LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 134.1 | 12.7 | 19.5 | 12.95 | 103.8 | Long |
| RCB180SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 83.1 | 12.7 | 19.5 | 10.29 | 52.8 | Short |
| RCB90SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 68.8 | 12.7 | 19.5 | 10.29 | 26.7 | Short |

All dimensions in mm. Subject to technical changes.

For bundle diameters from 19.4 mm to 36.0 mm

| PART DESCRIPTION | Width (W) | Length (L2) | Bundle Ø min. | Bundle Ø max. | Hole Ø (FH) | Fixing Hole Centres (F) | Variant |
|---------------------------------|-----------|-------------|---------------|---------------|-------------|-------------------------|---------|
| RCC30SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 90.2 | 19.4 | 36.0 | 6.5 | 50.5 | Short |
| RCC30SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 90.2 | 19.4 | 36.0 | 8.31 | 50.5 | Short |
| RCC30SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 90.2 | 19.4 | 36.0 | 10.29 | 50.5 | Short |
| RCC30SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 90.2 | 19.4 | 36.0 | 12.95 | 50.5 | Short |
| RCC90SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 101.2 | 19.4 | 36.0 | 6.5 | 39.9 | Short |
| RCC90SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 101.2 | 19.4 | 36.0 | 8.31 | 39.9 | Short |
| RCC90SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 101.2 | 19.4 | 36.0 | 12.95 | 39.9 | Short |
| RCC180SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.0 | 19.4 | 36.0 | 6.5 | 62.3 | Short |
| RCC180SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.0 | 19.4 | 36.0 | 8.31 | 62.3 | Short |
| RCC180SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.0 | 19.4 | 36.0 | 12.95 | 62.3 | Short |
| RCC15SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.5 | 19.4 | 36.0 | 6.5 | 62.3 | Short |
| RCC15SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.5 | 19.4 | 36.0 | 8.31 | 62.3 | Short |
| RCC15SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.5 | 19.4 | 36.0 | 10.29 | 62.3 | Short |
| RCC15SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.5 | 19.4 | 36.0 | 12.95 | 62.3 | Short |
| RCC30LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 114.9 | 19.4 | 36.0 | 6.5 | 75.2 | Long |
| RCC30LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 114.9 | 19.4 | 36.0 | 8.31 | 75.2 | Long |
| RCC30LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 114.9 | 19.4 | 36.0 | 10.29 | 75.2 | Long |
| RCC30LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 114.9 | 19.4 | 36.0 | 12.95 | 75.2 | Long |
| RCC180MM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 125.0 | 19.4 | 36.0 | 6.5 | 84.3 | Medium |
| RCC180MM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 125.0 | 19.4 | 36.0 | 8.31 | 84.3 | Medium |
| RCC180MM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 125.0 | 19.4 | 36.0 | 10.29 | 84.3 | Medium |
| RCC180MM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 125.0 | 19.4 | 36.0 | 12.95 | 84.3 | Medium |
| RCC90LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 129.2 | 19.4 | 36.0 | 6.5 | 39.9 | Long |
| RCC90LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 129.2 | 19.4 | 36.0 | 8.31 | 39.9 | Long |
| RCC90LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 129.2 | 19.4 | 36.0 | 10.29 | 39.9 | Long |
| RCC90LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 129.2 | 19.4 | 36.0 | 12.95 | 39.9 | Long |

All dimensions in mm. Subject to technical changes.



Ratchet P-Clamp

For bundle diameters from 19.4 mm to 36.0 mm

| PART DESCRIPTION | Width (W) | Length (L2) | Bundle Ø min. | Bundle Ø max. | Hole Ø (FH) | Fixing Hole Centres (F) | Variant |
|---------------------------------|-----------|-------------|---------------|---------------|-------------|-------------------------|---------|
| RCC180LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 154.0 | 19.4 | 36.0 | 6.5 | 113.3 | Long |
| RCC180LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 154.0 | 19.4 | 36.0 | 8.31 | 113.3 | Long |
| RCC180LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 154.0 | 19.4 | 36.0 | 10.29 | 113.3 | Long |
| RCC180LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 154.0 | 19.4 | 36.0 | 12.95 | 113.3 | Long |
| RCC180SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 103.0 | 19.4 | 36.0 | 10.29 | 62.3 | Short |
| RCC90SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 101.2 | 19.4 | 36.0 | 10.29 | 39.9 | Short |

All dimensions in mm. Subject to technical changes.

For bundle diameters from 36.0 mm to 51.0 mm

| PART DESCRIPTION | Width (W) | Length (L2) | Bundle Ø min. | Bundle Ø max. | Hole Ø (FH) | Fixing Hole Centres (F) | Variant |
|---------------------------------|-----------|-------------|---------------|---------------|-------------|-------------------------|---------|
| RCD90SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 88.7 | 36.0 | 51.0 | 6.5 | 42.4 | Short |
| RCD90SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 88.7 | 36.0 | 51.0 | 8.31 | 42.4 | Short |
| RCD90SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 88.7 | 36.0 | 51.0 | 12.95 | 42.4 | Short |
| RCD30SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 102.4 | 36.0 | 51.0 | 6.5 | 55.9 | Short |
| RCD30SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 102.4 | 36.0 | 51.0 | 8.31 | 55.9 | Short |
| RCD30SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 102.4 | 36.0 | 51.0 | 10.29 | 55.9 | Short |
| RCD30SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 102.4 | 36.0 | 51.0 | 12.95 | 55.9 | Short |
| RCD180SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 115.5 | 36.0 | 51.0 | 6.5 | 70.0 | Short |
| RCD180SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 115.5 | 36.0 | 51.0 | 8.31 | 70.0 | Short |
| RCD180SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 115.5 | 36.0 | 51.0 | 12.95 | 70.0 | Short |
| RCD15SM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 115.9 | 36.0 | 51.0 | 6.5 | 69.1 | Short |
| RCD15SM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 115.9 | 36.0 | 51.0 | 8.31 | 69.1 | Short |
| RCD15SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 115.9 | 36.0 | 51.0 | 10.29 | 69.1 | Short |
| RCD15SM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 115.9 | 36.0 | 51.0 | 12.95 | 69.1 | Short |
| RCD90LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 116.7 | 36.0 | 51.0 | 6.5 | 42.4 | Long |
| RCD90LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 116.7 | 36.0 | 51.0 | 8.31 | 42.4 | Long |
| RCD90LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 116.7 | 36.0 | 51.0 | 10.29 | 42.4 | Long |
| RCD90LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 116.7 | 36.0 | 51.0 | 12.95 | 42.4 | Long |
| RCD30LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 127.0 | 36.0 | 51.0 | 6.5 | 80.5 | Long |
| RCD30LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 127.0 | 36.0 | 51.0 | 8.31 | 80.5 | Long |
| RCD30LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 127.0 | 36.0 | 51.0 | 10.29 | 80.5 | Long |
| RCD30LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 127.0 | 36.0 | 51.0 | 12.95 | 80.5 | Long |
| RCD180MM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 137.5 | 36.0 | 51.0 | 6.5 | 92.0 | Medium |
| RCD180MM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 137.5 | 36.0 | 51.0 | 8.31 | 92.0 | Medium |
| RCD180MM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 137.5 | 36.0 | 51.0 | 10.29 | 92.0 | Medium |
| RCD180MM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 137.5 | 36.0 | 51.0 | 12.95 | 92.0 | Medium |
| RCD180LM6-PA66HIRHSUV/ST/ZN-BK | 34.9 | 166.5 | 36.0 | 51.0 | 6.5 | 121.0 | Long |
| RCD180LM8-PA66HIRHSUV/ST/ZN-BK | 34.9 | 166.5 | 36.0 | 51.0 | 8.31 | 121.0 | Long |
| RCD180LM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 166.5 | 36.0 | 51.0 | 10.29 | 121.0 | Long |
| RCD180LM12-PA66HIRHSUV/ST/ZN-BK | 34.9 | 166.5 | 36.0 | 51.0 | 12.95 | 121.0 | Long |
| RCD180SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 115.5 | 36.0 | 51.0 | 10.29 | 70.0 | Short |
| RCD90SM10-PA66HIRHSUV/ST/ZN-BK | 34.9 | 88.7 | 36.0 | 51.0 | 10.29 | 42.4 | Short |

All dimensions in mm. Subject to technical changes.



Material Specification Overview

| MATERIAL | Material Shortcut | Operating Temperature | Colour* | Flammability |
|--|-------------------|--|-----------------------------|--------------|
| Aluminium alloy | AL | -40 °C to +180 °C | Natural (NA) | |
| Chloroprene Rubber | CR | -20 °C to +80 °C | Black (BK) | |
| Ethylene Tetrafluoroethylene (Tefzel®) | E/TFE | -80 °C to +170 °C | Blue (BU) | UL 94 V0 |
| Polyacetal | POM | -40 °C to +90 °C, (+110 °C, 500 h) | Natural (NA) | UL 94 HB |
| Polyamide 11 | PA11 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL 94 HB |
| Polyamide 11, UV-resistant | PA11W | -40 °C to +105 °C | Black (BK) | UL 94 HB |
| Polyamide 12 | PA12 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL 94 HB |
| Polyamide 4.6 | PA46 | -40 °C to +130 °C, (+150 °C, 5000 h; +195 °C, 500 h) | Natural (NA), Grey (GY) | UL 94 V2 |
| Polyamide 6 | PA6 | -40 °C to +80 °C | Black (BK) | UL 94 V2 |
| Polyamide 6, glass-fibre reinforced | PA6GF30 | -40 °C to +100 °C | Black (BK) | UL 94 HB |
| Polyamide 6, high impact modified | PA6HIR | -40 °C to +80 °C | Black (BK) | UL 94 HB |
| Polyamide 6, high impact modified, heat stabilised | PA6HIRHS | -80 °C to +110 °C | Black (BK) | UL 94 HB |
| Polyamide 6.6 | PA66 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK), Natural (NA) | UL 94 V2 |
| Polyamide 6.6, glass-fibre reinforced | PA66GF13 | -40 °C to +105 °C | Black (BK) | UL 94 HB |
| Polyamide 6.6, glass-fibre reinforced | PA66GF15 | -40 °C to +105 °C | Black (BK) | UL 94 HB |
| Polyamide 6.6, heat and UV stabilised | PA66HSUV | -40 °C to +105 °C | Black (BK), Natural (NA) | UL 94 V2 |
| Polyamide 6.6, heat and UV stabilised | PA66HSW | -40 °C to +105 °C | Black (BK) | UL 94 V2 |
| Polyamide 6.6, heat stabilised | PA66HS | -40 °C to +105 °C | Black (BK), Natural (NA) | UL 94 V2 |
| Polyamide 6.6, high impact modified | PA66HIR | -40 °C to +80 °C, (+105 °C, 500 h) | Black (BK) | UL 94 HB |
| Polyamide 6.6, high impact modified, heat and UV stabilised | PA66HIRHSUV | -40 °C to +110 °C | Black (BK) | UL 94 HB |
| Polyamide 6.6, high impact modified, heat and UV stabilised (only for cable ties for Autotool System 3080) | PA66HIRHSUV | -40 °C to +95 °C, (+105 °C, 5000 h; +145 °C, 500 h) | Black (BK), Natural (NA) | UL 94 HB |
| Polyamide 6.6, high impact modified, heat and UV stabilised | PA66HIRHSW | -40 °C to +110 °C | Black (BK) | UL 94 HB |
| Polyamide 6.6, high impact modified, heat stabilised | PA66HIRHS | -40 °C to +105 °C | Black (BK) | UL 94 HB |
| Polyamide 6.6, high impact modified, scan black | PA66HIR(S) | -40 °C to +80 °C, (+105 °C, 500 h) | Black (BK) | UL 94 HB |

Tefzel® is a registered trademark of DuPont. General linguistic usage for cable ties made from raw material E/TFE is Tefzel®-Tie. In addition to Tefzel® from DuPont HellermannTyton also uses equivalent E/TFE raw material from other suppliers.

*Further colours available on request.

 = Minimum Loop Tensile Strength for Cable Ties (Newton)

| MATERIAL | Material Shortcut | Operating Temperature | Colour* | Flammability |
|---|-------------------|---------------------------------------|-----------------------------|------------------------|
| Polyamide 6.6 , UV resistant | PA66W | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL 94 V2 |
| Polyamide 6.6 , UV-stabilised | PA66UV | -40 °C to +85 °C | Black (BK), Natural (NA) | UL 94 V2 |
| Polyamide 6.6 , with metal particles | PA66MP | -40 °C to +85 °C, (+105 °C, 500 h) | Blue (BU) | UL 94 HB |
| Polyamide 6.6 , with metal particles | PA66MP+ | -40 °C to +85 °C | Blue (BU) | not flame retardant |
| Polyamide 6.6 V0 | PA66V0 | -40 °C to +85 °C | White (WH) | UL 94 V0 |
| Polyaryletherketone | PAEK | -55 °C to +200 °C | Beige (BGE) | UL 94 V0 |
| Polyester | SP | -50 °C to +150 °C | Black (BK) | |
| Polyetheretherketone | PEEK | -55 °C to +240 °C | Beige (BGE) | UL 94 V0 |
| Polyethylene | PE | -40 °C to +50 °C | Black (BK), Grey (GY) | UL 94 HB |
| Polyolefin | PO | -40 °C to +90 °C | Black (BK) | UL 94 V0 |
| Polyphenylene Sulfide | PPS | -40 °C to +150 °C | Black (BK), Grey (GY) | UL 94 V0 |
| Polypropylene, Ethylene Propylene Diene Terpolymer rubber free of Nitrosamine | PP, EPDM | -20 °C to +95 °C | Black (BK) | UL 94 HB |
| Polypropylene 20% Talkum | PPT20 | -40 °C to +65 °C | Black (BK) | UL 94 HB |
| Polypropylene with metal particles | PPMP | -40 °C to +115 °C | Blue (BU) | UL 94 HB |
| Polypropylene with metal particles | PPMP+ | -40 °C to +85 °C | Blue (BU) | not flame retardant |
| Polyvinylidene Fluoride | PVDFX | -50 °C to +150 °C | Natural (NA) | UL 94 V0 |
| Polyvinylchloride | PVC | -10 °C to +70 °C | Black (BK), Natural (NA) | UL 94 V0 |
| Stainless Steel | SS304, SS316 | -80 °C to +538 °C | Natural (NA) | non-burning |
| Thermoplastic Polyurethane | TPU | -40 °C to +85 °C | Black (BK) | UL 94 HB |

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Tip: Material shortcut is part of our Part Description name

Product series name (indicating tie type, clip and harness routing variant)

Material code

Colour code (details on page 326)

T50ROSEC5A-PA66HS/PA66HIRHS-BK