

Cable Ties with Ball-Lock

- **MBT-Series**

Metal ties are ideal for all applications that require high strength, reliability and fire resistance. The MBT range of stainless steel cable ties can be used in chemical industries and on oil platforms as well as in mass transit, shipbuilding and mining industries. MBT ties are also suitable for machine building, apparatus construction and in the outside area of radio technology. Additionally, MBT ties are ideal for securing lighting in theatres and exhibition halls.

Features and Benefits

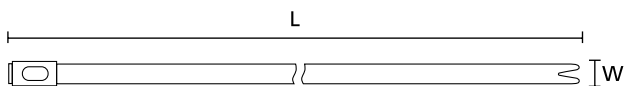
- MBT cable ties made from stainless steel 304
- Patented non-releasable locking feature
- Corrosion resistant
- Weather resistant
- Outstanding chemical resistance
- Antimagnetic
- High temperature resistance
- Non-burning



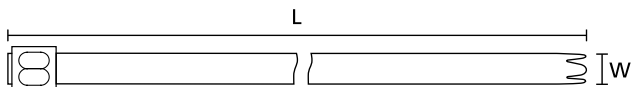
MBT_SS, MBT_HS.



MBT_XHS.



MBT_SS, MBT_HS



MBT_XHS

Material specification please see page 22.

| TYPE | Width (W) | Length (L) | Bundle Ø max. | | Material | Pack Cont. | Article-No. |
|----------|-----------|------------|---------------|-------|----------|------------|-------------|
| MBT5SS | 4.6 | 127.0 | 25.0 | 900 | SS304 | 100 | 111-93058 |
| MBT8SS | 4.6 | 201.0 | 50.0 | 900 | SS304 | 100 | 111-93088 |
| MBT14SS | 4.6 | 362.0 | 102.0 | 900 | SS304 | 100 | 111-93148 |
| MBT20SS | 4.6 | 521.0 | 152.0 | 900 | SS304 | 100 | 111-93208 |
| MBT27SS | 4.6 | 685.0 | 203.0 | 900 | SS304 | 100 | 111-93278 |
| MBT33SS | 4.6 | 838.0 | 254.0 | 900 | SS304 | 100 | 111-93338 |
| MBT8HS | 7.9 | 201.0 | 50.0 | 2,000 | SS304 | 50 | 111-94088 |
| MBT14HS | 7.9 | 362.0 | 102.0 | 2,000 | SS304 | 50 | 111-94148 |
| MBT20HS | 7.9 | 521.0 | 152.0 | 2,000 | SS304 | 50 | 111-94208 |
| MBT27HS | 7.9 | 685.0 | 203.0 | 2,000 | SS304 | 50 | 111-94278 |
| MBT33HS | 7.9 | 838.0 | 254.0 | 2,000 | SS304 | 50 | 111-94338 |
| MBT14XHS | 12.3 | 362.0 | 102.0 | 2,700 | SS304 | 50 | 111-95148 |
| MBT20XHS | 12.3 | 521.0 | 152.0 | 2,700 | SS304 | 50 | 111-95208 |
| MBT27XHS | 12.3 | 681.0 | 203.0 | 2,700 | SS304 | 50 | 111-95278 |
| MBT33XHS | 12.3 | 838.0 | 254.0 | 2,700 | SS304 | 50 | 111-95338 |

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.



Please note! Not all products listed on this page may have this approval. For product specific approvals please refer to the Appendix.



MBT-Kit

The MBT range of stainless steel cable ties can be used in the most arduous of conditions or where the additional security, strength and fire resistance of a metal fixing is required. Used in all industries from mass transit and ship building to automotive and high temperature applications.

Features and Benefits

- Handy kit for on-site installations in harsh environments
- MBT-kit consists of:
 - A carry case
 - An assortment of five sizes of MBT ties (SS304)
 - THT application tool



MBT-Kit, an assortment of different sizes of MBT cable ties.

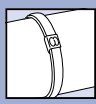
Application tools
please see page 302.

Material specification
please see page 22.



| TYPE | Content | Length (L) | Width (W) | Bundle Ø max. | | Article-No. | Page |
|--------------------------|---------|------------|-----------|---------------|---------|------------------|------|
| MBT-KIT-304-BASIC | | | | | | 111-01422 | |
| Content | | | | | | | |
| THT Tool | 1 | | | | | 110-09970 | 60 |
| MBT8SS | 20 | 201.0 | 4.6 | 50.0 | 900.0 | 111-93088 | |
| MBT8HS | 20 | 201.0 | 7.9 | 50.0 | 2,000.0 | 111-94088 | |
| MBT5SS | 20 | 127.0 | 4.6 | 25.0 | 900.0 | 111-93058 | |
| MBT14SS | 30 | 362.0 | 4.6 | 102.0 | 900.0 | 111-93148 | |
| MBT14HS | 30 | 362.0 | 7.9 | 102.0 | 2,000.0 | 111-94148 | |

All dimensions in mm. Subject to technical changes.



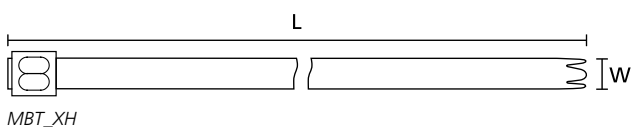
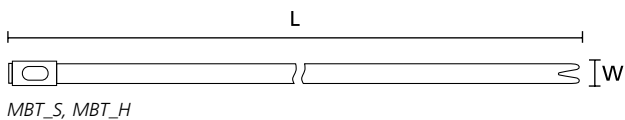
Cable Ties with Ball-Lock

- **MBT-Series**

Metal ties are ideal for all applications that require high strength, reliability and fire resistance. The MBT range of stainless steel cable ties can be used in chemical industries and on oil platforms as well as in mass transit, shipbuilding and mining industries. MBT ties are also suitable for machine building, apparatus construction and in the outside area of radio technology. Additionally, MBT ties are ideal for securing lighting in theatres and exhibition halls.

Features and Benefits

- MBT cable ties made from stainless steel 316
- Patented non-releasable locking feature
- Corrosion resistant
- Weather resistant
- Outstanding chemical resistance
- Antimagnetic
- High temperature resistance
- Non-burning



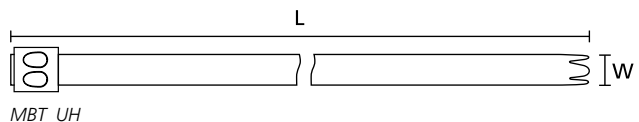
MBT_S, MBT_H.



MBT_XH.



MBT_UH.



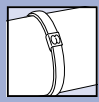
| TYPE | Width (W) | Length (L) | Bundle Ø max. | N | Material | Pack Cont. | Article-No. |
|---------|-----------|------------|---------------|-------|----------|------------|-------------|
| MBT5S | 4.6 | 127.0 | 25.0 | 900 | SS316 | 100 | 111-93059 |
| MBT8S | 4.6 | 201.0 | 50.0 | 900 | SS316 | 100 | 111-93089 |
| MBT14S | 4.6 | 362.0 | 102.0 | 900 | SS316 | 100 | 111-93149 |
| MBT20S | 4.6 | 521.0 | 152.0 | 900 | SS316 | 100 | 111-93209 |
| MBT27S | 4.6 | 685.0 | 203.0 | 900 | SS316 | 100 | 111-93279 |
| MBT33S | 4.6 | 838.0 | 254.0 | 900 | SS316 | 100 | 111-93339 |
| MBT8H | 7.9 | 201.0 | 50.0 | 2,000 | SS316 | 50 | 111-94089 |
| MBT14H | 7.9 | 362.0 | 102.0 | 2,000 | SS316 | 50 | 111-94149 |
| MBT20H | 7.9 | 521.0 | 152.0 | 2,000 | SS316 | 50 | 111-94209 |
| MBT27H | 7.9 | 685.0 | 203.0 | 2,000 | SS316 | 50 | 111-94279 |
| MBT33H | 7.9 | 838.0 | 254.0 | 2,000 | SS316 | 50 | 111-94339 |
| MBT14XH | 12.3 | 362.0 | 102.0 | 2,700 | SS316 | 50 | 111-95149 |
| MBT20XH | 12.3 | 521.0 | 152.0 | 2,700 | SS316 | 50 | 111-95209 |
| MBT27XH | 12.3 | 681.0 | 203.0 | 2,700 | SS316 | 50 | 111-95279 |
| MBT33XH | 12.3 | 838.0 | 254.0 | 2,700 | SS316 | 50 | 111-95339 |
| MBT14UH | 16.0 | 362.0 | 102.0 | 4,100 | SS316 | 50 | 111-01301 |
| MBT20UH | 16.0 | 521.0 | 152.0 | 4,100 | SS316 | 50 | 111-01302 |
| MBT27UH | 16.0 | 681.0 | 203.0 | 4,100 | SS316 | 50 | 111-01303 |
| MBT33UH | 16.0 | 838.0 | 254.0 | 4,100 | SS316 | 50 | 111-01304 |
| MBT43UH | 16.0 | 1,092.0 | 330.0 | 4,100 | SS316 | 25 | 111-01305 |
| MBT49UH | 16.0 | 1,245.0 | 380.0 | 4,100 | SS316 | 25 | 111-01306 |

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.



Please note! Not all products listed on this page may have this approval. For product specific approvals please refer to the Appendix.



Cable Ties with Ball-Lock and Coating

- **MBT-FC-Series**

Features and Benefits

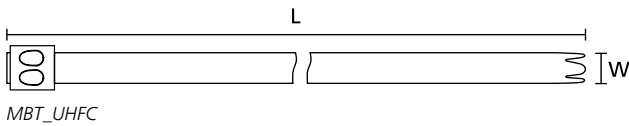
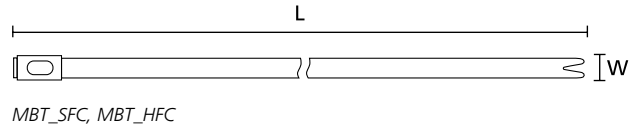
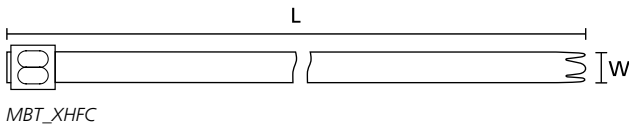
- Fully coated MBT, made from type 316 stainless steel with polyester coating
- Patented non-releasable locking feature
- Coated cable tie with smooth edges
- Comfortable handling and installation
- Eliminates contact corrosion between dissimilar materials during application



MBT_SFC, MBT_HFC.



MBT_XHFC.

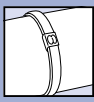


**Application tools
please see page 302.**

| TYPE | Width (W) | Length (L) | Bundle Ø max. | | Material | Pack Cont. | Article-No. |
|-----------|-----------|------------|---------------|-------|-----------|------------|-------------|
| MBT5SFC | 4.6 | 127.0 | 25.0 | 540 | SS316, SP | 100 | 111-00288 |
| MBT8SFC | 4.6 | 201.0 | 50.0 | 540 | SS316, SP | 100 | 111-00289 |
| MBT14SFC | 4.6 | 362.0 | 102.0 | 540 | SS316, SP | 100 | 111-00290 |
| MBT20SFC | 4.6 | 521.0 | 152.0 | 540 | SS316, SP | 100 | 111-00291 |
| MBT27SFC | 4.6 | 681.0 | 203.0 | 540 | SS316, SP | 100 | 111-00292 |
| MBT33SFC | 4.6 | 838.0 | 254.0 | 540 | SS316, SP | 100 | 111-00293 |
| MBT8HFC | 7.9 | 201.0 | 50.0 | 1,020 | SS316, SP | 50 | 111-00294 |
| MBT14HFC | 7.9 | 362.0 | 102.0 | 1,020 | SS316, SP | 50 | 111-00295 |
| MBT20HFC | 7.9 | 521.0 | 152.0 | 1,020 | SS316, SP | 50 | 111-00296 |
| MBT27HFC | 7.9 | 681.0 | 203.0 | 1,020 | SS316, SP | 50 | 111-00297 |
| MBT33HFC | 7.9 | 838.0 | 254.0 | 1,020 | SS316, SP | 50 | 111-00298 |
| MBT14XHFC | 12.3 | 362.0 | 102.0 | 1,620 | SS316, SP | 50 | 111-00299 |
| MBT17XHFC | 12.3 | 434.0 | 125.0 | 1,620 | SS316, SP | 50 | 111-01500 |
| MBT20XHFC | 12.3 | 521.0 | 152.0 | 1,620 | SS316, SP | 50 | 111-00300 |
| MBT23XHFC | 12.3 | 575.0 | 168.0 | 1,620 | SS316, SP | 50 | 111-01501 |
| MBT27XHFC | 12.3 | 681.0 | 203.0 | 1,620 | SS316, SP | 50 | 111-00301 |
| MBT30XHFC | 12.3 | 754.0 | 225.0 | 1,620 | SS316, SP | 50 | 111-01502 |
| MBT33XHFC | 12.3 | 838.0 | 254.0 | 1,620 | SS316, SP | 50 | 111-00302 |
| MBT43XHFC | 12.3 | 1,092.0 | 330.0 | 1,620 | SS316, SP | 25 | 111-01503 |
| MBT49XHFC | 12.3 | 1,245.0 | 380.0 | 1,620 | SS316, SP | 25 | 111-01504 |
| MBT14UHFC | 16.0 | 362.0 | 102.0 | 2,500 | SS316, SP | 50 | 111-01512 |
| MBT17UHFC | 16.0 | 434.0 | 125.0 | 2,500 | SS316, SP | 50 | 111-01513 |
| MBT20UHFC | 16.0 | 521.0 | 152.0 | 2,500 | SS316, SP | 50 | 111-01514 |
| MBT23UHFC | 16.0 | 575.0 | 168.0 | 2,500 | SS316, SP | 50 | 111-01515 |
| MBT27UHFC | 16.0 | 681.0 | 203.0 | 2,500 | SS316, SP | 50 | 111-01516 |

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.



Cable Ties with Ball-Lock and Coating

- MBT-FC-Series

| TYPE | Width (W) | Length (L) | Bundle Ø max. | | Material | Pack Cont. | Article-No. |
|-----------|-----------|------------|---------------|-------|-----------|------------|-------------|
| MBT30UHFC | 16.0 | 754.0 | 225.0 | 2,500 | SS316, SP | 50 | 111-01517 |
| MBT33UHFC | 16.0 | 838.0 | 254.0 | 2,500 | SS316, SP | 50 | 111-01518 |
| MBT43UHFC | 16.0 | 1,092.0 | 330.0 | 2,500 | SS316, SP | 25 | 111-01519 |
| MBT49UHFC | 16.0 | 1,245.0 | 380.0 | 2,500 | SS316, SP | 25 | 111-01520 |

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.



Please note! Not all products listed on this page may have this approval. For product specific approvals please refer to the Appendix.

Double Wrap Cable Ties with Ball-Lock

- MBTXHD- / MBTUHD-Series

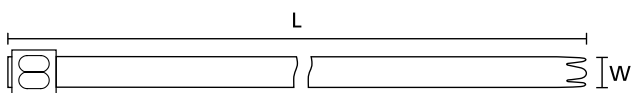
The double wrap ties of the MBT-series are used in applications where a fixing requires an extraordinary high tensile strength.

Features and Benefits

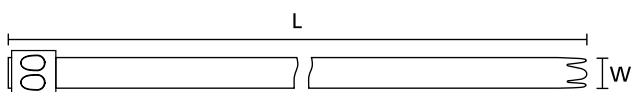
- Stainless steel MBT ties with double wrap operation
- Wraps around the bundle and passes through the head twice
- Very high tensile strength to carry enormous applied loads
- Head with two locking balls
- Resistant to arduous conditions and environments



MBT_UHD.



MBT_XHD



MBT_UHD



MBT_UHD Double Band.

| TYPE | Width (W) | Length (L) | Bundle Ø max. | | Material | Pack Cont. | Article-No. |
|----------|-----------|------------|---------------|-------|----------|------------|-------------|
| MBT27XHD | 12.3 | 681.0 | 100.0 | 5,000 | SS316 | 50 | 111-01307 |
| MBT33XHD | 12.3 | 838.0 | 120.0 | 5,000 | SS316 | 50 | 111-01308 |
| MBT43XHD | 12.3 | 1,092.0 | 160.0 | 5,000 | SS316 | 25 | 111-01309 |
| MBT49XHD | 12.3 | 1,245.0 | 180.0 | 5,000 | SS316 | 25 | 111-01310 |
| MBT60XHD | 12.3 | 1,524.0 | 230.0 | 5,000 | SS316 | 25 | 111-01311 |
| MBT27UHD | 16.0 | 681.0 | 100.0 | 7,000 | SS316 | 50 | 111-01312 |
| MBT33UHD | 16.0 | 838.0 | 120.0 | 7,000 | SS316 | 50 | 111-01313 |
| MBT43UHD | 16.0 | 1,092.0 | 160.0 | 7,000 | SS316 | 25 | 111-01314 |
| MBT49UHD | 16.0 | 1,245.0 | 180.0 | 7,000 | SS316 | 25 | 111-01315 |
| MBT60UHD | 16.0 | 1,524.0 | 230.0 | 7,000 | SS316 | 25 | 111-01316 |

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.



Double Wrap Cable Ties with Ball-Lock and Coating

- **MBTXHDFC- / MBTUHDFC-Series**

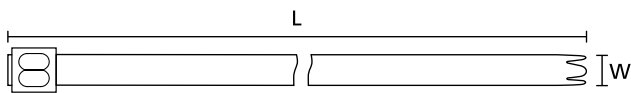
The MBT range of stainless steel cable ties can be used in the most arduous of conditions or where the additional security, strength and fire resistance of a metal fixing is required. Used in all industries from mass transit, ship building, oil rigs, mining and chemical industry, theatres and exhibition halls. In the event of a fire, cables will remain securely held in place and will not fall to block emergency exits.

Features and Benefits

- MBT cable ties, made from stainless steel SS316 with a polyester coating
- Patented non-releasable locking feature
- Double wrap operation
- Corrosion resistant
- Weather resistant
- Outstanding chemical resistance
- Antimagnetic
- High temperature resistant
- Non-burning

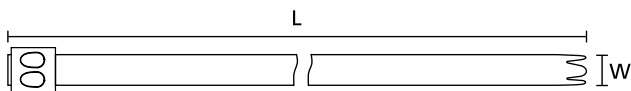


MBT_UHDFC.



MBT_XHDFC

**Material specification
please see page 22.**



MBT_UHDFC

**Application tools
please see page 302.**

| TYPE | Width (W) | Length (L) | Bundle Ø max. |  | Material | Pack Cont. | Article-No. |
|------------|-----------|------------|---------------|---|-----------|------------|-------------|
| MBT27XHDFC | 12.3 | 681.0 | 100.0 | 2,500 | SS316, SP | 50 | 111-01505 |
| MBT33XHDFC | 12.3 | 838.0 | 120.0 | 2,500 | SS316, SP | 50 | 111-01506 |
| MBT43XHDFC | 12.3 | 1,092.0 | 160.0 | 2,500 | SS316, SP | 25 | 111-01507 |
| MBT49XHDFC | 12.3 | 1,245.0 | 180.0 | 2,500 | SS316, SP | 25 | 111-01508 |
| MBT60XHDFC | 12.3 | 1,524.0 | 230.0 | 2,500 | SS316, SP | 25 | 111-01509 |
| MBT27UHDFC | 16.0 | 681.0 | 100.0 | 5,000 | SS316, SP | 50 | 111-01521 |
| MBT33UHDFC | 16.0 | 838.0 | 120.0 | 5,000 | SS316, SP | 50 | 111-01522 |
| MBT43UHDFC | 16.0 | 1,092.0 | 160.0 | 5,000 | SS316, SP | 25 | 111-01523 |
| MBT49UHDFC | 16.0 | 1,245.0 | 180.0 | 5,000 | SS316, SP | 25 | 111-01524 |
| MBT60UHDFC | 16.0 | 1,524.0 | 230.0 | 5,000 | SS316, SP | 25 | 111-01525 |

All dimensions in mm. Subject to technical changes.

Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.

Material Specification Overview

| Material | Shortcut | Operating Temperature | Colour** | Flammability | Material Properties* | |
|--|--------------------|---|--------------------------|--------------|---|-------------|
| Aluminium-alloy | AL | -40 °C to +180 °C | Natural (NA) | | <ul style="list-style-type: none"> Corrosion resistant Antimagnetic | RoHS |
| Chloroprene | CR | -20 °C to +80 °C | Black (BK) | | <ul style="list-style-type: none"> Weather-resistant High yield strength | RoHS |
| Ethylenterafluorineethylen | E/TFE | -80 °C to +170 °C | Blue (BU) | UL94 V0 | <ul style="list-style-type: none"> Resistance to radioactivity UV-resistant, not moisture sensitive Good chemical resistance to: acids, bases, oxidizing agents | RoHS |
| Polyacetal | POM | -40 °C to +90 °C, (+110 °C, 500 h) | Natural (NA) | UL94 HB | <ul style="list-style-type: none"> Limited brittleness sensitivity Flexible at low temperature Not moisture sensitive Robust on impacts | RoHS |
| Polyamide 11 | PA11 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Bio-plastic, derived from vegetable oil Strong impact resistance at low temperature Very low moisture absorption Weather-resistant Good chemical resistance | RoHS HF |
| Polyamide 12 | PA12 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Good chemical resistance to: acids, bases, oxidizing agents UV-resistant | RoHS HF |
| Polyamide 4.6 | PA46 | -40 °C to +150 °C (5000 h), +195 °C (500 h) | Natural (NA), Grey (GY) | UL94 V2 | <ul style="list-style-type: none"> Resistance to high temperatures Very moisture sensitive Low smoke sensitive | RoHS HF LFH |
| Polyamide 6 | PA6 | -40 °C to +80 °C | Black (BK) | UL94 V2 | <ul style="list-style-type: none"> High yield strength | RoHS |
| Polyamide 6.6 | PA66 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK), Natural (NA) | UL94 V2 | <ul style="list-style-type: none"> High yield strength | RoHS HF |
| Polyamide 6.6, Glassfibre reinforced | PA66GF13, PA66GF15 | -40 °C to +105 °C | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Good resistance to: lubricants, vehicle fuel, salt water and many solvents | RoHS HF |
| Polyamide 6.6 heat and UV stabilised | PA66HSW | -40 °C to +105 °C | Black (BK) | UL94 V2 | <ul style="list-style-type: none"> High yield strength Modified elevated max. temperature UV-resistant | RoHS HF |
| Polyamide 6.6 Heat Stabilised | PA66HS | -40 °C to +105 °C | Black (BK), Natural (NA) | UL94 V2 | <ul style="list-style-type: none"> High yield strength Modified elevated max. temperature | RoHS HF |
| Polyamide 6.6 High Imp. Mod., Heat Stab. | PA66HIRHS | -40 °C to +105 °C | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Limited brittleness sensitivity Higher flexibility at low temperature Modified elevated max. temperature | RoHS |
| Polyamide 6.6 High Imp. Mod. scan black | PA66HIR(S) | -40 °C to +80 °C, (+105 °C, 500 h) | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Limited brittleness sensitivity Higher flexibility at low temperature | RoHS HF |
| Polyamide 6.6 High Impact Modified | PA66HIR | -40 °C to +80 °C, (+105 °C, 500 h) | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Limited brittleness sensitivity Higher flexibility at low temperature | RoHS |

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 is also using equivalent E/TFE raw material from other suppliers.

**More colours on request.

*These details are only rough guide values. They should be regarded as a material specification and are no substitute for a suitability test. Please see our datasheets for further details.

= Minimum Tensile Strength

Material Specification Overview

| Material | Shortcut | Operating Temperature | Colour** | Flammability | Material Properties* | RoHS | HF | LFH |
|---|--------------|------------------------------------|--------------------------|--------------|---|------|----|-----|
| Polyamide 6.6 high impact modified, heat and UV stabilised | PA66-HIRHSW | -40 °C to +110 °C | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Limited brittleness sensitivity Higher flexibility at low temperature Modified elevated max. temperature High yield strength, UV-resistant | RoHS | HF | |
| Polyamide 6.6 UV Resistant | PA66W | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL94 V2 | <ul style="list-style-type: none"> High yield strength UV-resistant | RoHS | HF | |
| Polyamide 6.6 V0 | PA66V0 | -40 °C to +85 °C | White (WH) | UL94 V0 | <ul style="list-style-type: none"> High yield strength Low smoke emission | RoHS | HF | LFH |
| Polyamide 6.6 V0 High Oxygen Index | PA66-V0-HOI | -40 °C to +85 °C, (+105 °C, 500 h) | White (WH) | UL94 V0 | <ul style="list-style-type: none"> High yield strength Low smoke emissions | RoHS | HF | LFH |
| Polyamide 6.6 with metal particles | PA66MP | -40 °C to +85 °C, (+105 °C, 500 h) | Blue (BU) | UL94 HB | <ul style="list-style-type: none"> High yield strength | RoHS | HF | |
| Polyamide 6 high impact modified | PA6HIR | -40 °C to +80 °C | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Limited brittleness sensitivity Higher flexibility at low temperature | RoHS | | |
| Polyester | SP | -50 °C to +150 °C | Black (BK) | | <ul style="list-style-type: none"> UV-resistant Good chemical resistance to: most acids, alkalis and oils | RoHS | HF | LFH |
| Polyetheretherketone | PEEK | -55 °C to +240 °C | Beige (BGE) | UL94 V0 | <ul style="list-style-type: none"> Resistance to radioactivity Not moisture sensitive Good chemical resistance to: acids, bases, oxidizing agents | RoHS | HF | LFH |
| Polyethylene | PE | -40 °C to +50 °C | Black (BK), Grey (GY) | UL94 HB | <ul style="list-style-type: none"> Low moisture absorption Good chemical resistance to: most acids, alcohol and oils | RoHS | HF | |
| Polyolefin | PO | -40 °C to +90 °C | Black (BK) | UL94 V0 | <ul style="list-style-type: none"> Low smoke emissions | RoHS | HF | LFH |
| Polypropylene | PP | -40 °C to +115 °C | Black (BK), Natural (NA) | UL94 HB | <ul style="list-style-type: none"> Floats in water Moderate yield strength Good chemical resistance to: organic acids | RoHS | HF | |
| Polypropylene, Ethylene-Propylene-Dien-Terpolymer-rubber free of Nitrosamine | PP, EPDM | -20 °C to +95 °C | Black (BK) | UL94 HB | <ul style="list-style-type: none"> Good resistance to high temperatures Good chemical and abrasion resistance | RoHS | HF | |
| Polyvinylchloride | PVC | -10 °C to +70 °C | Black (BK), Natural (NA) | UL94 V0 | <ul style="list-style-type: none"> Low moisture absorption Good chemical resistance to: acids, ethanol, oil | RoHS | | |
| Stainless Steel | SS304, SS316 | -80 °C to +538 °C | Natural (NA) | | <ul style="list-style-type: none"> Corrosion resistant Antimagnetic | RoHS | HF | LFH |
| Thermoplastic Polyurethane | TPU | -40 °C to +85 °C | Black (BK) | UL94 HB | <ul style="list-style-type: none"> High elastic Good chemical resistance to: acids, bases, oxidizing agents | RoHS | HF | |

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 is also using equivalent E/TFE raw material from other suppliers.

**More colours on request.

*These details are only rough guide values. They should be regarded as a material specification and are no substitute for a suitability test. Please see our datasheets for further details.

= Minimum Tensile Strength