TECHNICAL DATA SHEET - INTERACTIVE PDF

Cable Ties, natural and black UV-resistant and heat stabilized

Ty-Fast®



01
02

Cable ties are primarily used to cinch wires and cables together to form a neat and organized bundle.

Certifications / Standards:

3-Part Specification:
Tools and Calculators

01 Natural cable tie
02 Black UV-resistant and heat stabilized cable tie

Ratings:
- Tensile strength: 80N to 1200N
- Minimum installation temperature: -10° / -20°C
- Operating temperature: -40°C to 115°C

Material / Finishes:
- Polyamide 6.6:
  - Natural
  - Back, UV-resistant and heat stabilized

Installation tools:
- ERG50
- ERG120
- WT3D

Conforms to:
- UL 62275 - Type 2
- UL94 - V2
- EN IEC 62275 - Type 2
- DNV-GL
- Bureau Veritas
- Lloyd's Register
- REACH
- RoHS (Restriction of Hazardous Substances)

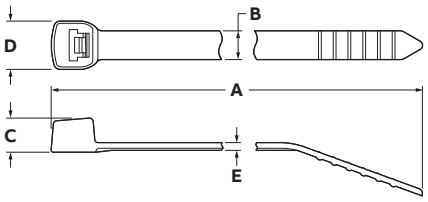
Table data:
- Cable ties, natural
- Cable ties, black UV-resistant and heat stabilized

Cable ties, natural

Product selection and dimensions

Part no.	Min. bundle diameter	Max. bundle diameter	A +/- 3% mm	B +/- 3% mm	C +/- 3% mm	D +/- 3% mm	E +/- 3% mm	Min. Installation temp	Operating temp	Tensile strength (N)
TY100-18-C	1.5	20.5	100	2.5	4.0	4.6	1.0	-20°C	-40°C to 85°C	80
TY100-18-M	1.5	20.5	100	2.5	4.0	4.6	1.0	-20°C	-40°C to 85°C	80
TY125-18-C	1.5	36.5	150	2.5	4.0	4.6	1.1	-20°C	-40°C to 85°C	80
TY125-18-M	1.5	36.5	150	2.5	4.0	4.6	1.1	-20°C	-40°C to 85°C	80
TY200-18-C	1.5	52.5	200	2.5	4.0	4.6	1.1	-20°C	-40°C to 85°C	80
TY200-18-M	1.5	52.5	200	2.5	4.0	4.6	1.1	-20°C	-40°C to 85°C	80
TY125-40-100*	1.5	32.0	143	3.6	4.4	6.1	1.2	-20°C	-40°C to 85°C	180
TY125-40*	1.5	32.0	143	3.6	4.4	6.1	1.2	-20°C	-40°C to 85°C	180
TY200-40-C	2.0	52.5	203	3.6	4.8	6.5	1.2	-20°C	-40°C to 85°C	180
TY200-40-M	2.0	52.5	203	3.6	4.8	6.5	1.2	-20°C	-40°C to 85°C	180
TY300-40-100*	6.4	76.0	290	3.6	4.4	6.1	1.2	-20°C	-30°C to 85°C	180
TY300-40*	6.4	76.0	290	3.6	4.4	6.1	1.2	-20°C	-30°C to 85°C	180
TY400-40-100*	6.4	102.0	370	3.6	4.4	6.1	1.2	-20°C	-40°C to 85°C	180
TY400-40*	6.4	102.0	370	3.6	4.4	6.1	1.2	-20°C	-40°C to 85°C	180
TY175-50-100*	3.2	44.0	188	4.7	5.6	7.9	1.2	-20°C	-40°C to 85°C	222
TY175-50*	3.2	44.0	188	4.7	5.6	7.9	1.2	-20°C	-40°C to 85°C	222
TY225-50-100*	3.2	57.0	228	4.7	5.6	7.9	1.2	-20°C	-40°C to 85°C	222
TY225-50*	3.2	57.0	228	4.7	5.6	7.9	1.2	-20°C	-40°C to 85°C	222
TY300-50-100*	3.2	76.0	304	4.7	5.6	7.9	1.2	-20°C	-40°C to 85°C	222
TY300-50*	3.2	76.0	304	4.7	5.6	7.9	1.2	-20°C	-40°C to 85°C	222
TY400-50-100*	3.2	102.0	366	4.7	5.6	7.9	1.2	-20°C	-40°C to 85°C	222
TY400-50*	3.2	102.0	366	4.7	5.6	7.9	1.2	-20°C	-40°C to 85°C	222
TY450-50-C	3.0	122.5	430	4.8	5.8	8.6	1.3	-20°C	-40°C to 85°C	222
TY450-50-D	3.0	122.5	430	4.8	5.8	8.6	1.3	-20°C	-40°C to 85°C	222
TY200-120-C	6.0	56.0	220	7.6	7.5	12.0	1.4	-20°C	-40°C to 85°C	550
TY200-120-D	6.0	56.0	220	7.6	7.5	12.0	1.4	-20°C	-40°C to 85°C	550
TY400-120-100*	15.0	102.0	374	7.6	7.9	12.2	1.9	-20°C	-40°C to 85°C	540
TY400-120*	15.0	102.0	374	7.6	7.9	12.2	1.9	-20°C	-40°C to 85°C	540
TY450-120-L	6.0	130.5	450	7.6	7.5	12.0	1.5	-20°C	-40°C to 85°C	550
TY600-120-L	6.0	181.5	610	7.6	7.5	12.0	1.6	-20°C	-40°C to 85°C	550
TY800-120-L	6.0	226.0	750	7.6	7.5	12.0	1.6	-20°C	-40°C to 85°C	550
TY600-175-L	7.0	181.5	610	8.8	9.6	14.4	1.6	-20°C	-40°C to 85°C	800
TY900-175-L	7.0	280.0	920	8.8	9.6	14.4	1.7	-20°C	-40°C to 85°C	800
TY1000-175-L	7.0	295.0	1020	8.8	9.6	14.4	1.7	-20°C	-40°C to 85°C	800
TY1200-175-L	7.0	375.5	1220	8.8	9.6	14.4	1.8	-20°C	-40°C to 85°C	800
TY500-245-L	9.0	156.0	530	12.4	10.0	20.0	1.9	-10°C	-40°C to 85°C	1200
TY720-245-L	9.0	216.0	730	12.4	10.0	20.0	1.9	-10°C	-40°C to 85°C	1200
TY1050-245-L	9.0	323.0	1030	12.4	10.0	20.0	1.9	-10°C	-40°C to 85°C	1200

* Conforms to Bureau Veritas, Lloyd's Register and DNV-GL



Cable ties, black UV-resistant and heat stabilized

Product selection and dimensions

Part no.	Min. bundle diameter	Max. bundle diameter	A +/- 3% mm	B +/- 3% mm	C +/- 3% mm	D +/- 3% mm	E +/- 3% mm	Min. Installation temp	Operating temp	Tensile strength (N)
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TY125-40X-100*	1.5	32.0	143	3.6	4.4	6.1	1.2	-20°C	-40°C to 105°C	180
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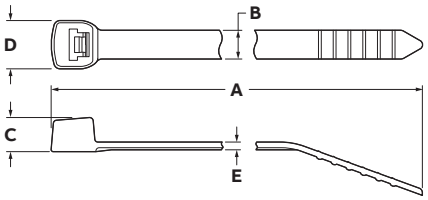

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