



# CABLE TIES

THORMAS 2017-01

**THORMAS high-quality cable ties provide system solutions. which can meet practically any challenge. They do not just fulfill the most up to date requirements for cable ties and cable tie systems. but THORMAS constantly pushes back the boundaries of what is technologically possible with its fixing elements.**

The THORMAS Cable Ties are “nonreleasable” cable ties that are made of DuPont Polyamide 6.6™ (PA6.6). Unlike its predecessor (PA6), the THORMAS cable ties absorb less moisture and have a higher melting point of approximately 260°C all thanks to its molecular structure. This results in a material with slightly better thermal properties, low impact resistance and higher strength and modulus. They are resistant to oils, fats, salts and dilute acids and are available in a variety of sizes and styles, including UV resistant.

## AGENCY APPROVALS & CERTIFICATIONS

 UL94-V2  
 CE EN 62275:2009

## AVAILABILITY

- Off white (indoor) and black (indoor/outdoor, UV-weather resistant).
- 7 tensile strengths for light- to heavy-duty jobs.
- 13 lengths and 7 widths

## ADVANTAGES OF DUPONT POLYAMIDE 6.6™

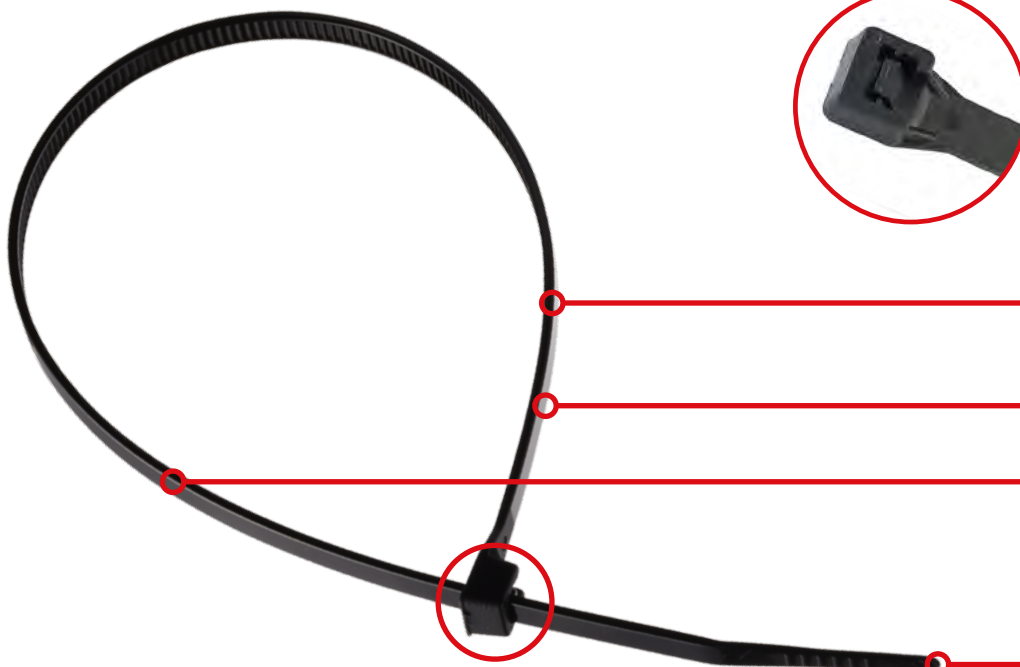
- Excellent abrasion resistance
- Absorbs less moisture
- Outstanding dimensional stability
- Lower dry heat and steam shrinkage
- Higher melting point thanks to its molecular structure
- Operating temperature of -40°C to +85°C
- Better dye wash fastness and UV light fastness
- UL94V2 rated, meaning they conform to the standards set by UL in terms of standards for safety of flammability of plastic parts

## APPLICATIONS

THORMAS cable ties are used to harness and bundle items, most commonly wires. Functioning like straps, THORMAS cable ties are available in miniature sizes for holding small loads, and are also fabricated in long lengths and strong tensile strengths for large items or bundles.

- HVAC
- Packaging
- DIY
- Telecom & Utility





Due to its tapered shape, it has 30% more tensile strength ensuring the cable tie will not break

Serrated teeth that engage with a pawl in the head to ensure that the cable tie does not come undone

Flexible high quality DuPont Polyamide 6.6™

The thin, wide strap body improves tie flexibility while maintaining loop tensile strength, allowing the cable tie to easily conform to irregular bundle shapes

Tapered tip threads easily into head for faster installation

## CABLE TIES ORDERING INFORMATION

ARTICLE NR WHITE	ARTICLE NR BLACK (UV)	LENGTH IN MM	WIDTH IN MM	Ø MIN-MAX IN MM	TENSILE IN LBS	TENSILE IN KG	TEMP MIN/MAX	BAG QUANTITY
3210001	3210051	100	2.5	2-22	24	11	-40°C/85°C	100
3210002	3210052	120	2.5	2-30	24	11	-40°C/85°C	100
3210003	3210053	150	2.5	2-35	24	11	-40°C/85°C	100
3210004	3210054	160	2.5	2-40	24	11	-40°C/85°C	100
3210005	3210055	200	2.5	2-50	24	11	-40°C/85°C	100
3210006	3210056	150	3.6	3-35	52	24	-40°C/85°C	100
3210007	3210057	200	3.6	3-50	52	24	-40°C/85°C	100
3210008	3210058	300	3.6	3-80	52	24	-40°C/85°C	100
3210009	3210059	370	3.6	3-105	52	24	-40°C/85°C	100
3210010	3210060	200	4.8	3-50	75	34	-40°C/85°C	100
3210011	3210061	300	4.8	3-80	75	34	-40°C/85°C	100
3210012	3210062	370	4.8	3-98	75	34	-40°C/85°C	100
3210013	3210063	430	4.8	3-120	75	34	-40°C/85°C	100
3210014	3210064	200	7.2	3-50	160	72	-40°C/85°C	100
3210015	3210065	300	7.6	3-80	160	72	-40°C/85°C	100
3210016	3210066	370	7.6	3-98	160	72	-40°C/85°C	100
3210017	3210067	450	7.6	3-110	160	72	-40°C/85°C	100
3210018	3210068	550	7.6	3-165	160	72	-40°C/85°C	100
3210019	3210069	550	9.0	8-160	230	104	-40°C/85°C	100
3210020	3210070	800	9.0	10-230	230	104	-40°C/85°C	100
3210021	3210071	1100	9.0	10-335	230	104	-40°C/85°C	100
3210022	3210072	900	12.0	14-265	325	150	-40°C/85°C	100

