

Ty-Rap high performance cable ties

Polyamide 6.6 cable ties – Natural



Characteristics

- Indoor use only
- CSA Certified file 002884. Natural Polyamide 6.6 Cable Ties are suitable for use in air handling plenum spaces in accordance with rules 12-010 (3), (4) and (5), and 12-020 of the CEC.

Technical information

- Material - Moulding: Polyamide 6.6
- Material - Locking barb: 316 grade stainless steel
- Temperature range: -60 °C to 85 °C (-76 °F to 185 °F)
- Min. installation temp.: -20 °C (-4 °F).
- Colour: Natural
- Halogen free, silicone free

Polyamide 6.6 cable ties – Natural



Std. Cat. N°.	Bulk Cat. N°.	Type DSG	Plenum rating	ANSI UL94 Flame rating	Body width		Length		Wire bundle dia. from ... to		Military Standard*	Tensile strength		Std. pkg. [pcs]	Bulk pkg. [pcs]
					[mm]	[in.]	[mm]	[in.]	[mm]	[in.]		[lb]	[N]		
TY523M	TY23M	2/21	AH-2	V-2	2.3	0.09	92	3.6	1.5 - 16	0.06 - 0.63	•	18	80	100	1,000
TY5B2315M	TYB2315M	2/21	AH-2	V-2	2.3	0.09	178	7.0	1.5 - 32	0.06 - 1.26	–	18	80	100	1,000
TY5232M	TY232M	2/21	AH-2	V-2	2.3	0.09	203	8.0	1.5 - 51	0.06 - 2.01	–	18	80	100	1,000
TY5234M	TY234M	2/21	AH-2	V-2	2.3	0.09	356	14.0	1.5 - 102	0.06 - 4.02	–	18	80	100	1,000
TY524M	TY24M	2/21	AH-2	V-2	3.6	0.14	140	5.5	2 - 35	0.08 - 1.38	•	40	180	100	1,000
TY5242M	TY242M	2/21	AH-2	V-2	3.6	0.14	208	8.2	2 - 51	0.08 - 2.01	–	40	180	100	1,000
TY526M	TY26M	2/21	AH-2	V-2	3.6	0.14	284	11.2	2 - 76	0.08 - 2.99	–	40	130	100	1,000
TY5244M	TY244M	2/21	AH-2	V-2	3.6	0.14	368	14.5	2 - 102	0.08 - 4.02	–	30	130	100	1,000
TY525M	TY25M	2S/21S	AH-2	V-2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	•	50	220	100	1,000
TY5253M	TY253M	2S/21S	AH-2	V-2	4.8	0.19	290	11.4	3 - 78	0.12 - 3.07	•	50	220	100	1,000
TY528M	TY28M	2S/21S	AH-2	V-2	4.8	0.19	361	14.2	3 - 102	0.12 - 4.02	•	50	220	100	1,000
TY5272M	TY272M	2S/21S	AH-2	V-2	6.9	0.27	223	8.8	6 - 51	0.24 - 2.01	–	120	540	50	500
TY527M	TY27M	2S/21S	AH-2	V-2	7.0	0.28	340	13.4	6 - 102	0.24 - 4.02	•	120	540	50	500
TY5275M	TY275M	2S/21S	AH-2	V-2	7.0	0.28	457	18.0	6 - 127	0.24 - 5	–	120	540	50	500
TY5277M	TY277M	2S/21S	AH-2	V-2	7.0	0.28	617	24.3	6 - 177	0.24 - 6.97	–	120	540	50	500
TY529M	TY29M	2S/21S	AH-2	V-2	6.9	0.27	771	30.4	6 - 229	0.24 - 9.02	•	120	540	50	500
TY53510M**	–	N/A	N/A	N/A	8.2	0.32	889	35.0	to 254	to 10	–	175	780	50	–
TY54513M**	–	N/A	N/A	N/A	8.2	0.32	1143	45.0	to 330	to 12.99	–	175	780	50	–

* Add "-9" for MS3367 certified items. See page 145 for details

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Description of Cat. n°, structure: see page C13

Description of materials and properties: see pages C132 to C144

Some approvals may not be applicable to all Cat. n°s.

Contact your Sales Office for approvals limitations.

Tooling



ERG50

For use with 2.3mm to 4.8mm (80N to 220N) Cable ties. See page C40.



ERG120

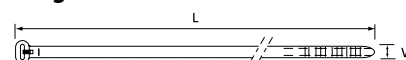
For use with 4.8mm to 7.0mm (220N to 540N) Cable ties. See page C40.



WT3D

For use with 4.8mm to 8.2mm (220N to 780N) Cable ties. See page C42.

Diagram



Ty-Rap high performance cable ties

Polyamide 6.6 cable ties – Weather-resistant black



Characteristics

- Outdoor or indoor use
- CSA Certified file 002884. Natural Polyamide 6.6 Cable Ties are suitable for use in air handling plenum spaces in accordance with rules 12-010 (3), (4) and (5), and 12-020 of the CEC.

Technical information

- Material - Moulding: Polyamide 6.6
- Material - Locking barb: 316 grade stainless steel
- Temperature range: -60 °C to 85 °C (-76 °F to 185 °F)
- Min. installation temp.: -30 °C (-22 °F)
- Colour: Black
- Halogen free, silicone free

UV-resistant

Polyamide 6.6 cable ties – Weather-Resistant black



Std. Cat. N°.	Bulk Cat. N°.	Type DSG	Plenum rating	ANSI UL94 Flame rating	Body width		Length		Wire bundle dia. from ... to		Military stan- dard*	Tensile strength		Std. pkg. [pcs]	Bulk pkg. [pcs]
					[mm]	[in.]	[mm]	[in.]	[mm]	[in.]		[lb]	[N]		
TY523MX	TY23MX	2/21	AH-2	V-2	2.3	0.09	92	3.6	1.5 - 16	0.06 - 0.63	●	18	80	100	1,000
TY52315MX	TYB2315MX	2/21	AH-2	V-2	2.3	0.09	178	7.0	1.5 - 32	0.06 - 1.26	—	18	80	100	1,000
TY5232MX	TY232MX	2/21	AH-2	V-2	2.3	0.09	203	8.0	1.5 - 51	0.06 - 2.01	—	18	80	100	1,000
TY5234MX	TY234MX	2/21	AH-2	V-2	2.3	0.09	356	14.0	1.5 - 102	0.06 - 4.02	—	18	80	100	1,000
TY524MX	TY24MX	2/21	AH-2	V-2	3.6	0.14	140	5.5	2 - 35	0.08 - 1.38	●	40	180	100	1,000
TY5242MX	TY242MX	2/21	AH-2	V-2	3.6	0.14	208	8.2	2 - 51	0.08 - 2.01	—	40	180	100	1,000
TY526MX	TY26MX	2/21	AH-2	V-2	3.6	0.14	284	11.2	2 - 76	0.08 - 2.99	—	40	130	100	1,000
TY5244MX	TY244MX	2/21	AH-2	V-2	3.6	0.14	368	14.5	2 - 102	0.08 - 4.02	—	30	130	100	1,000
TY525MX	TY25MX	2S/21S	AH-2	V-2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	●	50	220	100	1,000
TY5253MX	TY253MX	2S/21S	AH-2	V-2	4.8	0.19	290	11.4	3 - 78	0.12 - 3.07	●	50	220	100	1,000
TY528MX	TY28MX	2S/21S	AH-2	V-2	4.8	0.19	361	14.2	3 - 102	0.12 - 4.02	●	50	220	100	1,000
TY5272MX	TY272MX	2S/21S	N/A	HB	6.9	0.27	223	8.8	6 - 51	0.24 - 2.01	—	120	540	50	500
TY527MX	TY27MX	2S/21S	N/A	HB	7.0	0.28	340	13.4	6 - 102	0.24 - 4.02	●	120	540	50	500
TY5275MX	TY275MX	2S/21S	N/A	HB	7.0	0.28	457	18.0	6 - 127	0.24 - 5	—	120	540	50	500
TY5277MX	TY277MX	2S/21S	N/A	HB	7.0	0.28	617	24.3	6 - 177	0.24 - 6.97	—	120	540	50	500
TY529MX	TY29MX*	2S/21S	N/A	HB	6.9	0.27	771	30.4	6 - 229	0.24 - 9.02	●	120	540	50	500
TY53510MX**	—	N/A	N/A	N/A	8.2	0.32	889	35.0	to 254	to 10	—	175	780	50	—
TY54513MX**	—	N/A	N/A	N/A	8.2	0.32	1,143	45.0	to 330	to 12.99	—	175	780	50	—

* For military compliance of weather-resistant black 120 lb. ties, replace suffix X with 0 (i.e. TY27M-0).

Add "-9" for MS3367 certified items. See page 145 for details



Description of Cat. n°. structure: see page C13

Description of materials and properties: see pages C132 to C144

Some approvals may not be applicable to all Cat. n°.s.

Contact your Sales Office for approvals limitations.

Tooling



ERG50

For use with 2.3mm to 4.8mm (80N to 220N) Cable ties.
See page C40.



ERG120

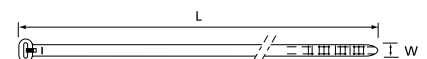
For use with 4.8mm to 7.0mm (220N to 540N) Cable ties.
See page C40.



WT3D

For use with 4.8mm to 8.2mm (220N to 780N) Cable ties.
See page C42.

Diagram



Ty-Rap high performance cable ties

Polyamide 6.6 cable ties – Coloured



Characteristics

- The colours you need in convenient packs !
- Indoor use only
- CSA Certified file 002884. Natural Polyamide 6.6 Cable Ties are suitable for use in air handling plenum spaces in accordance with rules 12-010 (3), (4) and (5), and 12-020 of the CEC.

Technical information

- Material - Moulding: Polyamide 6.6
- Material - Locking barb: 316 grade stainless steel
- Temperature range: -60 °C to 85 °C (-76 °F to 185 °F)
- Min. installation temp.: -20°C (-4°F)
- Halogen free, silicone free



E49405

Polyamide 6.6 cable ties – Coloured

Cat. n°.	Colour	Type DSG	Cote d'usage en Plénum	ANSI UL94 Flame rating	Body width		Length		Wire bundle dia. from ... to		Tensile strength		Std. pkg.
					[mm]	[in.]	[mm]	[in.]	[mm]	[in.]	[lb]	[N]	
TY25M-0	Black	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-1	Brown	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-2	Red	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-3	Orange	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-4	Yellow	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-5	Green	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-6	Blue	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-7	Purple	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-8	Grey	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000
TY25M-10	White	2S/21S	AH2	V2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	1,000

Some approvals may not be applicable to all Cat. n°.s.
Contact your Sales Office for approvals limitations.

Tooling



ERG50

For use with 2.3mm to 4.8mm (80N to 220N) Cable ties.
See page C40.



ERG120

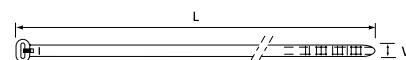
For use with 4.8mm to 7.0mm (220N to 540N) Cable ties.
See page C40.



WT3D

For use with 4.8mm to 8.2mm (220N to 780N) Cable ties.
See page C42.

Diagram



Cable tie colour code

Colour code	Colour	Colour code	Colour
X	UV Black	5	Green
0	Black	6	Blue
1	Brown	7	Purple
2	Red	8	Grey
3	Orange	10	White
4	Yellow		

Natural nylon is standard. For coloured Ty-Rap® ties, add the following suffix numbers to catalogue numbers.
Example: TY25M-2 would be red TY25M.
(Consult Regional Sales Office for ordering information.)

Ty-Rap high performance cable ties

Polyamide 6.6 cable ties – Coloured – Colour assortment



Characteristics

- 10 ties in each colour (black, brown, red, orange, yellow, green, blue, purple, grey & white) are packaged
- Indoor use only
- Now offered in 4 different models
- CSA Certified file 002884. Polyamide 6.6 Nylon Cable Ties are suitable for use in air handling plenum spaces in accordance with rules 12-010 (3), (4) and (5), and 12-020 of the CEC.

Technical information

- Material - Moulding: Polyamide 6.6
- Material - Locking barb: 316 grade stainless steel
- Temperature range: -60 °C to 85 °C (-76 °F to 185 °F)
- Min. installation temp.: -20°C (-4°F)
- Halogen free, silicone free

Polyamide 6.6 cable ties – Coloured – Colour assortment



E49405

Cat. n°.	Colour	Type DSG	Plenum rating	ANSI UL94 Flame rating	Body width		Length		Wire bundle dia. from ... to		Tensile strength		Std. pkg.
					[mm]	[in.]	[mm]	[in.]	[mm]	[in.]	[lb]	[N]	
TY523M-CLRS	Multi-Coloured (10 each of standard ten colours)	2S/21S	AH2	V-2	2.3	0.09	92	3.6	1.5 - 16	0.06 - 0.63	18	80	100
TY524M-CLRS	Multi-Coloured (10 each of standard ten colours)	2S/21S	AH2	V-2	3.6	0.14	140	5.5	2 - 35	0.08 - 1.38	40	180	100
TY525M-CLRS	Multi-Coloured (10 each of standard ten colours)	2S/21S	AH2	V-2	4.8	0.19	186	7.3	3 - 48	0.12 - 1.89	50	222	100
TY528M-CLRS	Multi-Coloured (10 each of standard ten colours)	2S/21S	AH2	V-2	4.8	0.19	361	14.2	3 - 102	0.12 - 4.01	50	222	100

Tooling



ERG50
For use with 2.3mm to 4.8mm (80N to 220N) Cable ties. See page C40.

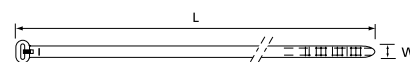


ERG120
For use with 4.8mm to 7.0mm (220N to 540N) Cable ties. See page C40.



WT3D
For use with 4.8mm to 8.2mm (220N to 780N) Cable ties. See page C42.

Diagram



Cable tie colour code

Colour code	Colour	Colour code	Colour
X	UV Black	5	Vert
0	Black	6	Bleu
1	Brun	7	Purple
2	Rouge	8	Gris
3	Orange	10	Blanc
4	Jaune	CLRS	Multicolour

Ty-Rap high performance cable ties

Stripped-Coloured cable ties



Characteristics

- Designed primarily for P.I.C. and station cable binder marking
- Install in less than 10 seconds
- No tools needed
- High-contrast colour stripes extend to end of tail for instant, permanent identification of binder

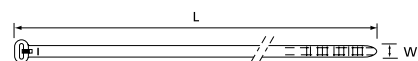
Technical information

- Material - Moulding: Polyamide 6.6
- Material - Locking barb: 316 grade stainless steel
- Temperature range: -40 °C to 85 °C (-40 °F to 185 °F)
- Order per bag. 1 bag = 50 cable ties. Sold in Multiple of 20
- Halogen free, silicone free

Stripped-Coloured cable ties

Std. Cat. N°.	Bulk Cat. N°.	Tie colour	Colour stripe	Wire bundle dia. from ... to		Body width		Length		Tensile strength		Bulk pkg.
				[mm]	[in.]	[mm]	[in.]	[mm]	[in.]	[lb]	[N]	
696-40527-0C	696-40527-0C	Black	–	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-1-0C	696-40527-1-0	Brown	Black	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-1-2C	696-40527-1-2	Brown	Red	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-1-4C	696-40527-1-4	Brown	Yellow	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-1-7C	696-40527-1-7	Brown	Purple	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-1-9C	696-40527-1-9	Brown	White	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-2C	696-40527-2	Red	–	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-3-0C	696-40527-3-0	Orange	Black	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-3-2C	696-40527-3-2	Orange	Red	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-3-4C	696-40527-3-4	Orange	Yellow	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-3-7C	696-40527-3-7	Orange	Purple	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-3-9C	696-40527-3-9	Orange	White	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-4C	696-40527-4	Yellow	–	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-5-0C	696-40527-5-0	Green	Black	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-5-2C	696-40527-5-2	Green	Red	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-5-4C	696-40527-5-4	Green	Yellow	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-5-7C	696-40527-5-7	Green	Purple	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-5-9C	696-40527-5-9	Green	White	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-6-0C	696-40527-6-0	Blue	Black	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-6-2C	696-40527-6-2	Blue	Red	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-6-4C	696-40527-6-4	Blue	Yellow	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-6-7C	696-40527-6-7	Blue	Purple	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-6-9C	696-40527-6-9	Blue	White	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-8-0C	696-40527-8-0	Slate	Black	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-8-2C	696-40527-8-2	Slate	Red	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-8-4C	696-40527-8-4	Slate	Yellow	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000
696-40527-8-9C	696-40527-8-9	Slate	White	1.5 - 16	0.06 - 0.63	2.3	0.09	92	3.6	18	80	1,000

Diagram



Ty-Rap high performance cable ties

Pouches for stripped coloured cable ties



Characteristics

- Plastic pouch (Part n° 650-40587) and canvas pouch (Part n° 650-40587-C).
- 25 pockets to store the bi-coloured ties
- Mini-pouch (Part n° 650-40587-M) designed to fit into shirt pocket or over belt.
- Holds a maximum of 5 plastic bags of 50 each of the bi-coloured ties.

Stripped-Coloured cable ties

Cat. n°.	Description	Std. pkg.
		[pcs]
650-40587	Plastic pouch only	1
650-40587-1	Plastic pouch with Ty-Rap cable tie assortment 1 bag each of 50 each (1,250 total)	1
650-40587C	Cloth pouch only	1
650-40587CF	Cloth pouch with 1 bag of 50 each Ty-Rap cable ties (1,250 total)	1
650-40587M	Mini pouch only	1
650-40587MF	Mini pouch filled with assortment of Ty-Rap cable ties (50 each)	1

Plastic and canvas pouch loading diagram



Blue tie white stripe N° 696-40527-6-9-C	Orange tie white stripe N° 696-40527-3-9-C	Green tie white stripe N° 696-40527-5-9-C	Brown tie white stripe N° 696-40527-1-9-C	Slate tie white stripe N° 696-40527-8-9-C
Blue tie red stripe N° 696-40527-6-2-C	Orange tie red stripe N° 696-40527-3-2-C	Green tie red stripe N° 696-40527-5-2-C	Brown tie red stripe N° 696-40527-1-2-C	Slate tie red stripe N° 696-40527-8-2-C
Blue tie black stripe N° 696-40527-6-0-C	Orange tie black stripe N° 696-40527-3-0-C	Green tie black stripe N° 696-40527-5-0-C	Brown tie black stripe N° 696-40527-1-0-C	Slate tie black stripe N° 696-40527-8-0-C
Blue tie yellow stripe N° 696-40527-6-4-C	Orange tie yellow stripe N° 696-40527-3-4-C	Green tie yellow stripe N° 696-40527-5-4-C	Brown tie yellow stripe N° 696-40527-1-4-C	Slate tie yellow stripe N° 696-40527-8-4-C
Blue tie purple stripe N° 696-40527-6-7-C	Orange tie purple stripe N° 696-40527-3-7-C	Green tie purple stripe N° 696-40527-5-7-C	Brown tie purple stripe N° 696-40527-1-7-C	Red tie purple stripe N° 696-40527-2-C

Ty-Rap high performance cable ties

Cable ties dispenser



Characteristics

- Durable, lightweight polyester exterior and tough vinyl interior construction
- Rugged diamond-shaped cutout for easy access to cable ties (up to 8 in., 11 in. –14 in. lengths) and rectangular-shaped (for 4 in. length)
- Handy belt clip and chrome steel loop for easy attachment
- Resealable hook-and-loop flap for easy refill
- Includes 100 genuine Ty-Rap cable ties

Cable ties dispenser Ty-Rap tote

Cat. n°.	Description	Pkg.
		[pcs]
TY-TOTE-25	Ty-Rap Tote 8 in. cable tie dispenser (includes 1 pkg. TY525M)	1
TY-TOTE-25X	Ty-Rap Tote 8 in. cable tie dispenser (includ 1 pkg. TY525MX)	1
TY-TOTE-23	Ty-Rap Tote 4 in. cable tie dispenser (includes 1 pkg. TY523M)	1
TY-TOTE-28	Ty-Rap Tote 11 in.–14 in. cable tie dispenser (includes 1 pkg. TY528M)	1