

Ty-Rap® high performance cable ties

TyGenic™ Polypropylene antimicrobial detectable cable ties



Characteristics

Ty-Rap® detectable cable ties from ABB incorporate a unique compound (patent pending) detectable by X-ray equipment and metal detectors and visual inspection equipment. Recommended for applications in food, pharmaceutical and other contamination-sensitive industries using detection systems.

- Engineered to provide the highest detectability in metal detectors by size
- Specially formulated metallic particles provide high reflection in X-ray equipment
- Bright blue color for an easy visual detection
- Antimicrobial mounting bases available

Technical information

- Material — Molding: Polypropylene
- Material — Locking barb: 316 grade stainless steel
- Temperature range: -40 °C to +85 °C (-40 °F to 185 °F)
- Color: Bright blue
- Flammability rating: UL94 HB
- Other properties: Halogen free, silicone free

Detectable cable ties

Product code	GID No.	Color	Material	Bundle ø from ... to		Length L		Width W		Min. tensile strength		Quantity [pieces]
				[mm]	[in]	[mm]	[in]	[mm]	[in]	[lbs]	[N]	
Detectable polypropylene												
TY523M-PDT	7TAG009660R0030	Blue	Polypropylene	2–16	0.1–0.6	92	3.62	2.4	0.09	11	50	100
TY525M-PDT	7TAG009660R0033	Blue	Polypropylene	3.5–45	0.1–1.8	186	7.3	4.8	0.19	30	135	100
TY528M-PDT	7TAG009660R0037	Blue	Polypropylene	3.5–102	0.1–4	360	14.2	4.8	0.19	30	135	100
TY527M-PDT	7TAG009660R0035	Blue	Polypropylene	6–90	0.2–3.5	340	13.4	7.0	0.28	60	267	50

For mounting bases, see pages 72–92.

Tooling



ERG50

For use with 0.09" to 0.19" wide (18 to 50 lb) cable ties. See page 100.



ERG120

For use with 0.19" to 0.30" wide (50 to 120 lb) cable ties. See page 100.

Dimensions

