

NewSentry® PVC Enclosures



The NewSentry® Series is a range of corrosion resistant, watertight PVC enclosures featuring ten sizes of simple screw down covers. The enclosures are a perfect complement to fiberglass products when used as junction boxes and small auxiliary enclosures.

Each enclosure is assembled with a PVC gasket that ensures compatibility with the enclosure's substrate and, through cellular resiliency in stretching and compressing, enables longevity in the interaction between cover and gasket spanning a wide potential temperature range.

Mounting feet are integral on smaller sizes and included as add-ons with all larger enclosures. Captive brass cover screws meet threaded brass inserts to secure covers and provide assurance against wear and tear from repeated use.

NewSentry® series enclosures are designed for general electrical and electronic applications and any application that has associated environmental concerns.

NewSentry® Series Attributes

- Memory retaining continuous PVC gasket
- Threaded inserts and captive brass cover screws
- Corrosion resistant PVC material
- Integral mounting feet available on some models
- Available in ten classic sizes

New Sentry® Industry Standards

UL/cUL 514B Fittings, 514C Boxes	File E190961 Type 1, 2, 3, 4, 4X, 12, 13
NEMA 250	Type 1, 2, 3, 4, 4X, 12, 13
CSA Std C22.2 No. 85	File 207025 Type 1, 2, 3, 4, 4X, 12, 13
Temperature Range	(-4°F to +140°F) (-20°C to +60°C)
Flammability Rating	UL94-V0
Self extinguishing	Non-flame propagating
Chemical Resistance	Full chemical resistance charts listed in appendix



PVC

Technical Specifications - NewSentry® Series

PVC

“PVC” configuration - 4 cover screws, lift off cover



PVC Construction

Material	Polyvinyl chloride (PVC)
Gasket	PVC seamless gasket provides watertight, dust-tight environmental seal
Brass Screws	Screw down to brass inserts
Mounting Feet	Built in on designated models. Add on feet available for other models
Soft Edge Design	Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris

PVC Industry Standards

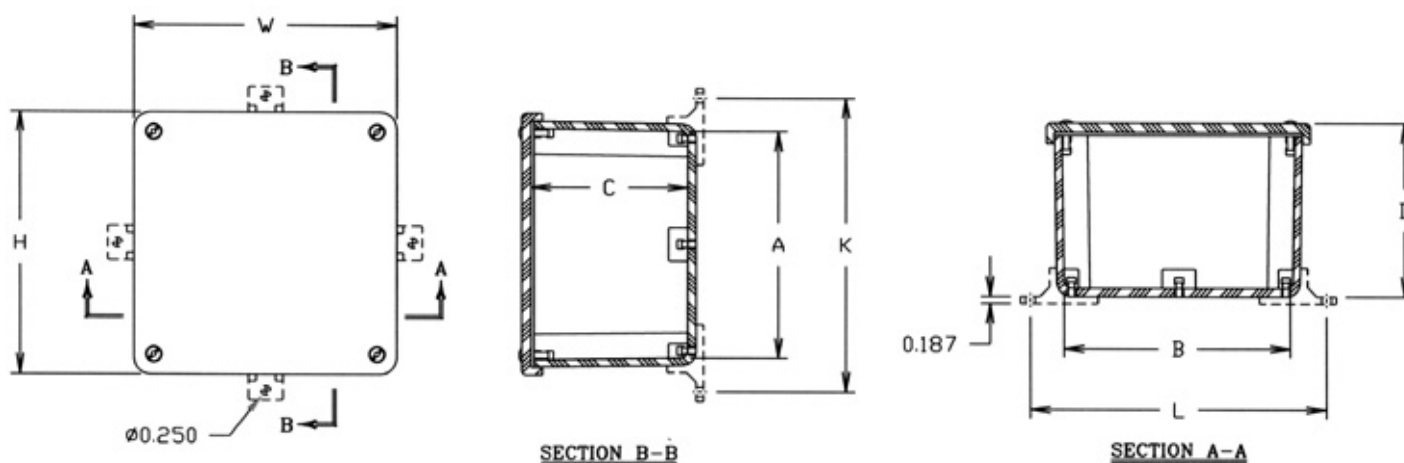
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NOTES:

PVC Modifications

Silk Screening	pg. 12 - 13
Custom Cutouts/Holes	pg. 12 - 13

NewSentry® Series Technical Drawings



PVC NewSentry® Series Enclosures

SIZE ID NUMBER	OVERALL H X W X D	INSIDE A X B X C	K	L	F	SHIPPING WEIGHT
J442PVC*	4.03 x 4.03 x 2.42 (102 x 102 x 61)	3.66 x 3.66 x 2.00 (93 x 93 x 51)	4.63 (118)	N/A	8-32	0.60 lbs.
J444PVC	4.04 x 4.04 x 4.50 (103 x 103 x 114)	3.60 x 3.60 x 4.02 (91 x 91 x 102)	5.64 (143)	N/A	8-32	1.11 lbs.
J446PVC	4.02 x 4.02 x 6.58 (102 x 102 x 167)	3.59 x 3.59 x 6.02 (91 x 91 x 153)	5.49 (139)	N/A	8-32	1.40 lbs.
J552PVC*	5.00 x 5.00 x 2.33 (127 x 127 x 59)	4.61 x 4.61 x 1.85 (117 x 117 x 47)	5.66 (144)	N/A	8-32	0.90 lbs.
J664PVC	6.85 x 6.85 x 4.57 (174 x 174 x 116)	5.96 x 5.96 x 4.03 (151 x 151 x 102)	7.94 (202)	7.94 (202)	10.-32	2.12 lbs.
J666PVC	6.85 x 6.85 x 6.58 (174 x 174 x 167)	5.92 x 5.92 x 6.04 (150 x 150 x 153)	7.96 (202)	7.96 (202)	10-32	2.72 lbs.
J884PVC	8.96 x 8.96 x 4.62 (228 x 228 x 117)	8.05 x 8.05 x 4.06 (204 x 204 x 103)	10.49 (266)	10.49 (266)	1/4-20	3.77 lbs.
J887PVC	9.15 x 9.15 x 7.65 (232 x 232 x 195)	8.02 x 8.02 x 7.06 (204 x 204 x 179)	10.49 (266)	10.49 (266)	1/4-20	5.10 lbs.
J12124PVC	12.94 x 12.94 x 4.70 (329 x 329 x 119)	11.92 x 11.92 x 4.00 (303 x 303 x 102)	14.46 (367)	14.46 (367)	1/4-20	8.50 lbs.
J12126PVC	12.94 x 12.94 x 6.64 (329 x 329 x 169)	11.91 x 11.91 x 6.00 (303 x 303 x 152)	14.46 (367)	14.46 (367)	1/4-20	9.25 lbs.

All measures are in inches, items in parentheses are in millimeters.

• F = Threaded brass insert size.

* Denotes molded in mounting feet.