

PRODUCT FAMILY DATASHEET

BANDING SEALS

Tin-Plated Carbon Steel · Solderable, Crimp-Ready Closures



MADE IN THE USA

DFARS COMPLIANT

RoHS 3 / REACH

WOSB CERTIFIED

BANDING SEALS

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1 Product Description

CoreTight™ banding seals are formed steel closures crimped over the strap to lock circumferential tension on a banded core assembly. Each seal is matched to a CoreTight strap width and crimped with the pneumatic tool (or a manual crimp tool) to complete the banding joint.

Seals are tin-plated after forming for solderability and corrosion resistance, and are supplied ready to crimp.

2 Material & Coating

Base metal	Cold-rolled carbon steel, 1008, dead-soft (commercial quality)
Coating	100% pure tin, plated after forming, MIL-T-10727C Type 1 (tin coat per ASTM B545-13)
Solderability	MIL-STD-202 Method 208
Shelf life	36 months from date of manufacture (tin coating)

Coating note. The coating is 100% pure tin, applied after the seal is formed, and specified to MIL-T-10727C Type 1 — distinct from the strap's Type II band coating. Recommended storage: 5–40°C, below 80% relative humidity, in original packaging.

3 Seal Catalog

Seal	Legacy	For Strap Width	Best Use	Packaging
seal_187x250	#50	0.187"	Narrow locking	500 per box
seal_375x250	#68	0.375"	Compact locking	500 per box
seal_375x375	#60	0.375"	Standard (most common)	500 per box
seal_500x500	#63	0.500"	Heavy-duty	500 per box

Seals are matched to CoreTight strap widths. Full dimensioned drawings available on request. Custom seal sizes available.

4 Compliance & Traceability

Country of origin	Made in the USA — Hubbard, OH
Regulatory	RoHS 3 compliant · REACH screened (253 SVHC) · WEEE · Conflict Minerals addressed
Defense / trade	DFARS 252.225-7014 specialty-metals exempt (commercial item) · ECCN EAR99
Federal identifiers	CAGE 8GNP1 · DLA NSN 5935-01-451-1377 · JCP / DD-2345 · CMMC Level 1
Quality system	QM001 Rev E (ISO 9001-based)
Business status	WOSB · WBENC certified
Traceability	Certificate of Conformance and mill / heat certifications available with shipment; lot-controlled to aerospace and defense requirements.

5 Packaging

Supplied 500 seals per box, each box labeled with part number, size, material, and lot identification.

6 Ordering Information & Notes

- Seals are ordered by seal designation and matched to the strap width being banded.
- Full engineering drawings available upon request.
- Custom seal sizes and crimp tooling (pneumatic / manual) available.

The customer is responsible for determining the suitability of the product for its application and assumes all risk resulting from its use. Properties stated are typical for the alloy and condition and are provided for reference only; refer to the material certification supplied with each lot for actual values. All documents substantiating origin, materials, and processes are maintained on file.