

FINGERSTOCK

ORDERING INFORMATION

Part Number Format

Example:

Stock Item
0097

—

Unique Part No.
0520

—

Finish I.D.
02

- In the above example, Laird part number 0097-0520-02 is a 97-520 RFI/EMI shielding gasket with a bright finish
- When ordering UltraSoft® items, the stock item prefix will be 0098 or 0078. The above example in UltraSoft would be 0098-0520-02.
- When ordering coil, the prefix 0C should precede the stock item number; for example: 0C97, 0C98, 0C77 or 0C78
- When ordering stainless steel items, the stock item prefix will be 0095
- Standard plating finish is 0.0001 in. (0.0025 mm) min. [gold 0.00005 in. (0.0013 mm) min.] but can be varied to meet your custom needs
- Modifications to standard parts are specified by an X (following finish I.D.) for quoting only. Upon ordering, a specific part number will be assigned.
- For tape options, see Adhesive Mounting — Sticky Fingers® on page 16
- Use the catalog number for the unique part number and refer to the following chart for finish I.D.

Plating Finishes

Finish Designation	Finishes for Fingerstock Products (BeCu and RCC)	Laird ID	Specifications	Specification Details*
Unplated	Bright Finish	02	Laird Designation	Unplated, Bright or Ultrasoft surface
	Solderable Unplated	21	Laird Designation	Solderable bright finish
Gold	Gold	03	ASTM B 488 / SAE AMS 2422	Type I & II, grade C, 1.27 - 2.5 µm thick
	Gold/Nickel Underplate	10	ASTM B 488 / SAE AMS 2403	Type I & II, grade C, 1.27 - 2.5 µm thick
Silver	Silver (matte)	04	ASTM B 700 / QQ-S-305	Type II, grade A, 2.5 - 7.6 µm thick
Cadmium**	Cadmium + Yellow Chromate	05	ASTM B 766 / AMS QQ P 416	Type II, class 5, min 5 µm thick
	Cadmium + Clear Chromate	06	ASTM B 766 / AMS QQ P 416	Type III, class 5, min 5 µm thick
Tin Lead**	Tin Lead [60/40] Solder	07	ASTM B 579 / SAE AMS P 81728	7.6 - 12.7 µm thick
Nickel	Dull Nickel	09	ASTM B 689 / SAE AMS 2403 (QQ-N-290)	2.5 - 7.6 µm thick*
	Bright Nickel	19	ASTM B 689 / SAE AMS 2403 (QQ-N-290)	2.5 - 7.6 µm thick*
	Sulfamate Nickel	24	ASTM B 689 / SAE AMS 2424	2.5 - 7.6 µm thick (1.27 - 2.5 µm underplate)
Electroless Nickel	Electroless Nickel	18	ASTM B 733 / SAE AMS C 26074	2.5 - 7.6 µm thick
Tin	Satin / Matte Tin	08	ASTM B 545 / MIL-T-10727C	Type I, 2.5 - 7.6 µm thick
	Bright Tin	17	ASTM B 545 / MIL-T-10727C	Type I, 2.5 - 7.6 µm thick
Zinc***	Zinc + Yellow Chromate	16	SAE AMS 2402 / ASTM B 633	Type II, 2.5 - 7.6 µm thick
	Zinc + Clear Chromate	15	SAE AMS 2402 / ASTM B 633	Type III, 2.5 - 7.6 µm thick

Notes:

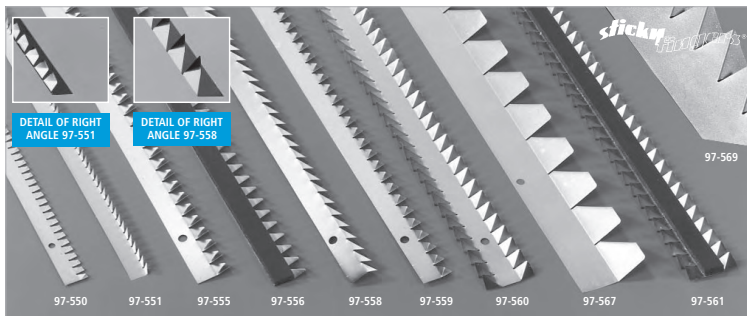
- Laird standard plating codes are defined according to the above specifications. Any non-standard requirements (different classes or types within a specification) must be clearly identified on the production prints.
- The plating thickness indicates the thickness measured on the primary out-surface of fingerstock products.

* Class 1, Grade G in QQ-N-290

** Outsourced process

*** Laird provides RoHS compliant Trivalent Chromate

FINGERSTOCK TWIST SERIES



Adhesive-mounted beryllium copper contact strips with scientific twist design offer narrow electronic gaskets for general shielding applications.

Different widths are available to suit your specific application for single edge contact strips. Also available are two 90 degree versions (Series 97-551 and 97-558) to provide alternate mounting capability. Series 97-555, 97-558 and 97-559 provide shielding effectiveness > 100 dB for a 100 MHz plane wave, ideal for all types of panel or electronic enclosures. Series 97-550, 97-551 and 97-560 provide shielding effectiveness > 115 dB for a 100 MHz

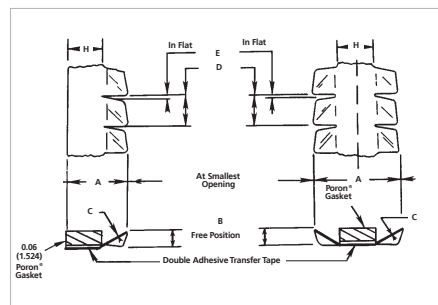
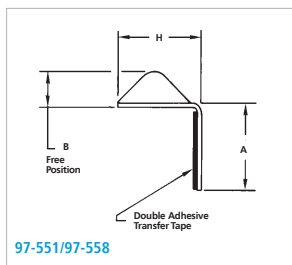
plane wave. Series 97-560 strips are especially suitable for cabinets with panel divider bars. Their unique double-edge design permits panels to be removed easily and replaced without damage to the installed strip.

All Twist Series strips are furnished in 24.000 in. (609.600 mm) lengths. Strips (except 97-551 and 97-558) are also available in standard 25.0 ft. (7.6 m) coils. Right angle product configurations are not available in coils. All are available in your choice of finishes, see page 17.

COMBINATION ENVIRONMENTAL RUBBER GASKET

Series 97-556 and 97-561 are versions of 97-555 and 97-560, respectively, incorporating a Poron® rubber gasket to act as an environmental shield, offering a high degree of protection against dust and moisture. All are available in your choice of finishes, see page 17.

These 97-Series products are also available in UltraSoft® low compression force 98-Series.



TWIST SERIES

SERIES	A	B	C	D PITCH	E SLOT	H	APPROX. LENGTH IN. (MM)	APPROX. COIL FT. (M)	GASKET
97-550	0.230 (5.842)	0.030 (0.762)	0.003 (0.076)	0.095 (2.413)	0.015 (0.381)	0.140 (3.556)	24.000 (609.600)	25.0 (7.6)	NO
97-551	0.160 (4.064)	0.030 (0.762)	0.003 (0.076)	0.095 (2.413)	0.015 (0.381)	0.080 (2.032)	24.000 (609.600)	—	NO
97-555	0.340 (8.636)	0.070 (1.778)	0.003 (0.076)	0.165 (4.191)	0.015 (0.381)	0.180 (4.572)	24.000 (609.600)	25.0 (7.6)	NO
97-556	0.340 (8.636)	0.070 (1.778)	0.003 (0.076)	0.165 (4.191)	0.015 (0.381)	0.180 (4.572)	24.000 (609.600)	25.0 (7.6)	YES
97-558	0.200 (5.080)	0.070 (1.778)	0.003 (0.076)	0.165 (4.191)	0.015 (0.381)	0.110 (2.794)	24.000 (609.600)	—	NO
97-559	0.300 (7.620)	0.070 (1.778)	0.003 (0.076)	0.165 (4.191)	0.015 (0.381)	0.180 (4.572)	24.000 (609.600)	25.0 (7.6)	NO
97-560	0.500 (12.700)	0.070 (1.778)	0.003 (0.076)	0.165 (4.191)	0.015 (0.381)	0.190 (4.826)	24.000 (609.600)	25.0 (7.6)	NO
97-561	0.500 (12.700)	0.070 (1.778)	0.003 (0.076)	0.165 (4.191)	0.015 (0.381)	0.190 (4.826)	24.000 (609.600)	25.0 (7.6)	YES
97-567	0.725 (18.415)	0.209 (5.309)	0.003 (0.076)	0.500 (12.700)	0.015 (0.381)	0.408 (10.363)	24.000 (609.600)	25.0 (7.6)	NO
97-569	0.500 (12.700)	0.120 (3.048)	0.003 (0.076)	0.250 (6.350)	0.015 (0.381)	0.250 (6.350)	24.000 (609.600)	25.0 (7.6)	NO

DIVIDER EDGE SHIELDING

Laird offers the Divider Edge Shield, the latest addition to its line of longitudinal shielding and grounding products. The Divider Edge Shield is designed to accommodate the industry's trend toward miniaturization and reduced compression forces.

- Designed to be applied to the top edge of multi-compartmental castings with wall thickness from 0.035 in. (0.889 mm) to 0.055 in. (1.397 mm)
- Clip-on design allows for easy installation and secure retention
- Unique finger design provides extremely low compression force
- Excellent shielding and grounding properties
- Provided in standard 12.000 in. (304.800 mm) lengths, or easily cut to your desired length. Longer lengths available upon request.
- 97-654 is available with "D" Lance option

