

EAST COAST SHIELDING

BERYLLIUM COPPER FINGER STOCK SERIES 220

GENERAL INFORMATION

East Coast Shielding offers the most complete line of standard EMI shielding strips in the industry. These RoHS compliant shielding strips are designed for a wide variety of application requirements. They are available in strips ranging from 16 to 24 inches in length, in continuous coils up to 35 feet long, as single fingers, or cut to requested full-fingerlengths. Uncompressed heights of standard finger stock range from .03" to .44", which will occupy gaps as low as .01". Many gaskets are offered in two material thicknesses to meet diverse application compression requirements: "Standard" and "TF", which requires less force to compress the gasket to its operating range.



BERYLLIUM COPPER EMI SHIELDING PRODUCTS

- Finger Stock
- "D" Connector Gaskets
- Contact Rings

STAINLESS STEEL EMI SHIELDING PRODUCTS

- Finger Stock
- "D" Connector Gaskets
- Expansion Slot

EMI Shielding Performance

Material	H-Field - 100kHz	E-Field - 10MHz	P-Field - 1GHz
BeCu	>110 dB	>110 dB	<110 dB

Note: Plating the mating surfaces with the same material will provide superior performance. Chromate chemical film on aluminum maintains surface conductivity by reducing corrosion.

ELECTROMAGNETIC COMPATIBILITY

EMI/RFI Shielding Products are designed to either keep out or keep in electromagnetic interference. Shielding reflects and absorbs incident radiation. The higher the attenuation of the shielding, the more effective it is at keeping in or out the undesired electromagnetic interference.

EMI SHIELDING FINGER STOCK GASKETS MOUNTING OPTIONS

Clip-on Mounting:

- Low Profile EMI Shielding Gaskets
- Cylindrical Radius
- Stainless Steel Cylindrical Radius
- Strip Gaskets
- Reverse Bend Contacts
- Twisted EMI Shielding Contacts
- No-snap EMI Shielding Fingers
- Perpendicular EMI Shielding Gaskets
- Stainless Steel Low Profile

Stick-on Mounting:

- Soft No-snap Fingers
- Low Profile EMI Shielding Gaskets
- SPIDER Low Profile Gaskets
- No-snap Fingers
- Twisted Contacts
- Slotless EMI Shielding Gaskets
- Stainless Steel Twisted Contacts
- Stainless Steel Low Profile

Snap-on Mounting:

- Symmetrical EMI Shielding Gaskets
- Soft No-snap EMI Shielding Fingers

Hook & Stick-on Mounting:

- Low Profile EMI Shielding Gaskets
- SPIDER Low Profile Shielding Gaskets
- Stainless Steel Hook-on

Omni Mounting:

Track Mounting:

- Track for EMI Shielding Gaskets
- "T" Retaining Caps- Plastic Rivets

Special Mounting:

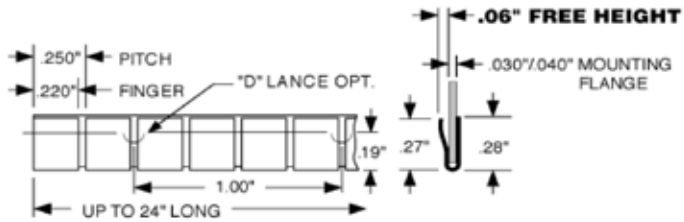
- Reverse Bend Spherical
- Reverse Bend Contacts
- Spherical Radius EMI Shielding Gaskets
- Cylindrical Radius EMI Shielding Gaskets
- Strip Gaskets

AVAILABLE FINISHES

FINISH	RoHS COMPLIANT
Solderable	No
Clean and Bright	Yes
Gold	Yes
Silver	Yes
Cadmium/Clear Chromate	No
Tin Lead	No
Bright Tin	Yes
Nickel	Yes
Zinc/Clear Chromate	Yes
Electroless Nickel	Yes

220-250C040 CLIP-ON LOW PROFILE

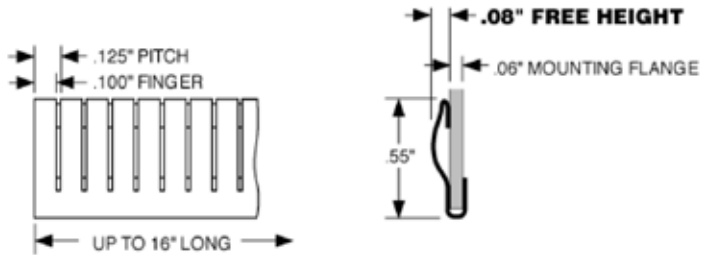
Compression Force	25% Compression (0.045")	50% Compression (0.030")
Standard .006" Thk.	15 lbs/ft	83 lbs/ft
"TF" Style .0035 Thk.	6.6 lbs/ft	30 lbs/ft



Notes: Optional lance available as shown.
Also available in Stainless Steel

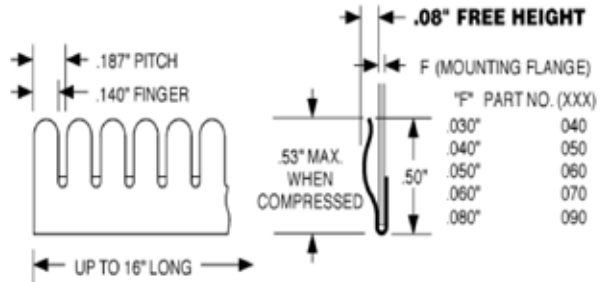
220-125LP55C070 CLIP-ON LOW PROFILE

Compression Force	25% Compression (0.060")	50% Compression (0.040")
Standard .0035" Thk.	9.6 lbs/ft	32 lbs/ft
"TF" Style .0025 Thk.	5.7 lbs/ft	17 lbs/ft



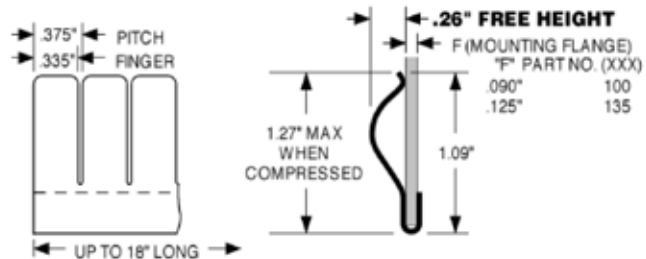
220-187RGCXXX CLIP-ON CYLINDRICAL RADIUS

Compression Force	25% Compression (0.060")	50% Compression (0.040")
Standard .005" Thk.	12 lbs/ft	93 lbs/ft



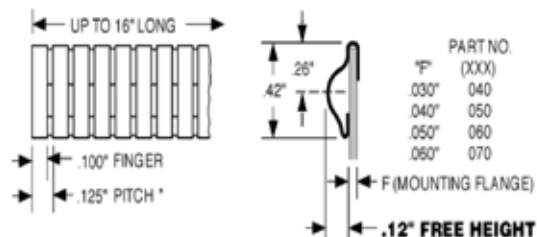
220-375CXXX CLIP-ON STRIP GASKET

Compression Force	25% Compression (0.195")	50% Compression (0.130")
Standard .005" Thk.	17 lbs/ft	43 lbs/ft



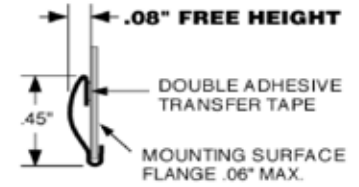
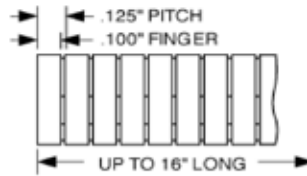
125M42CXXX CLIP-ON NO-SNAG FINGERS

Compression Force	25% Compression (0.090")	50% Compression (0.060")
Standard .0035" Thk.	23 lbs/ft	55 lbs/ft
"TF" Style .0025" Thk.	12 lbs/ft	28 lbs/ft



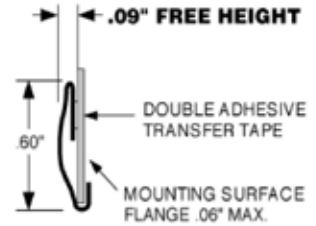
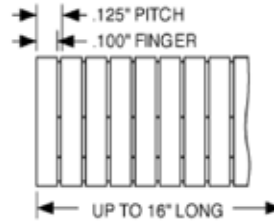
220-125LPS45H060 SPIDER HOOK & STICK-ON LOW PROFILE NO-SNAG

Compression Force	25% Compression (0.064")	50% Compression (0.043")
Standard .002" Thk.	*	*



220-125LP60H060 HOOK & STICK-ON LOW PROFILE NO-SNAG

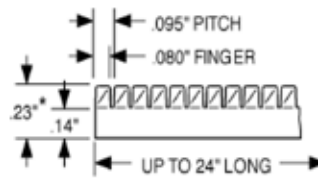
Compression Force	25% Compression (0.068")	50% Compression (0.045")
Standard .0035" Thk.	8.7 lbs/ft	17.3 lbs/ft
"TF" Style .0025" Thk.	5.8 lbs/ft	9.0 lbs/ft



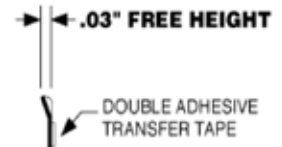
Note: Also available in Stainless Steel

220-SS95T STAINLESS STEEL TWISTED CONTACTS

Compression Force	25% Compression (0.023")	50% Compression (0.015")
Standard .002" Thk.	*	*



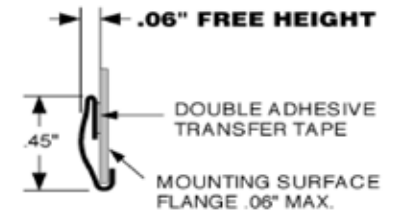
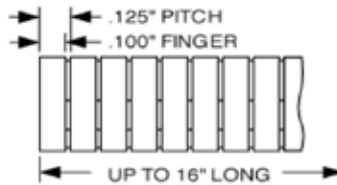
* COMPRESSED DIM.



Note: Also available in 25 ft. coils.

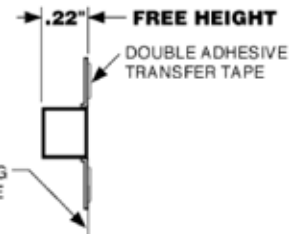
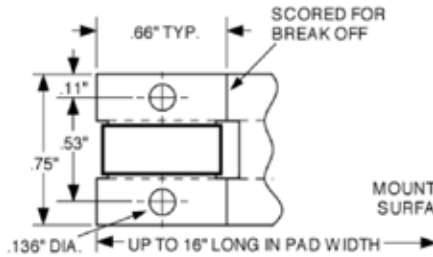
220-SS125LP45H060 STAINLESS STEEL HOOK & STICK-ON LOW PROFILE NO-SNAG

Compression Force	25% Compression (0.045")	50% Compression (0.030")
Standard .002" Thk.	*	*



220-250KS60 OMNI TRACK

Compression Force Single Contact	25% Comp. (0.165")	50% Comp. (0.110")
Standard	.05 lbs/ft	.20 lbs/ft



Mounting Pad Material: Brass. Finish: Bright. Other finishes also available

220-187S30 SNAP-ON MOUNTING SYMMETRICAL

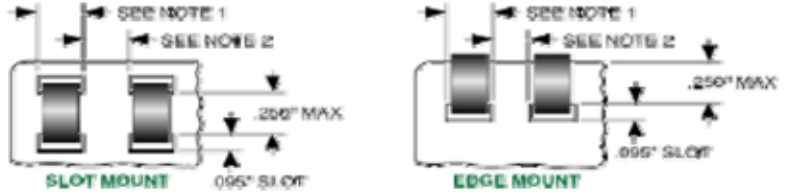
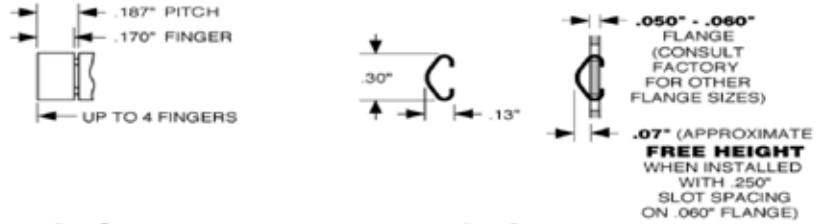
GAP RANGE UP TO .06"

Standard .0035" Thk.
"TF" Style .002" Thk.

APPLICATION DATA

Notes:

1. Length of slot as required by number of fingers.
2. Spacing determined by attenuation requirements.



220-206W36 SNAP-ON MOUNTING SOFT NO-SNAG FINGERS

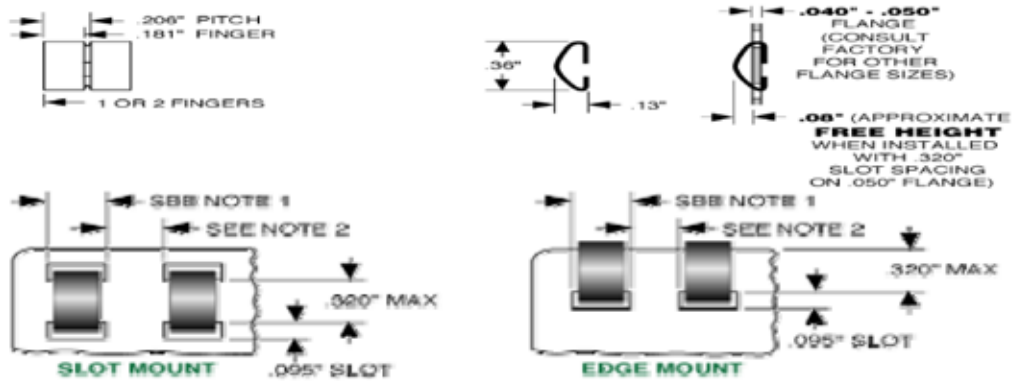
GAP RANGE UP TO .068"

Standard .0025" Thk.

APPLICATION DATA

Notes:

1. Length of slot as required by number of fingers.
2. Spacing determined by attenuation requirements.



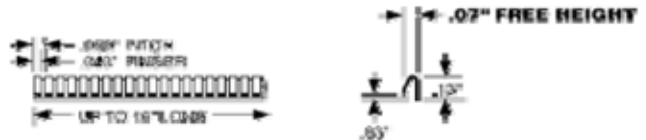
220-60RC SPECIAL MOUNTING REVERSE BEND SPHERICAL

Compression Force	25%	50%
	Compression (0.068")	Compression (0.045")
Standard .004" Thk.	7 lbs/ft	10 lbs/ft



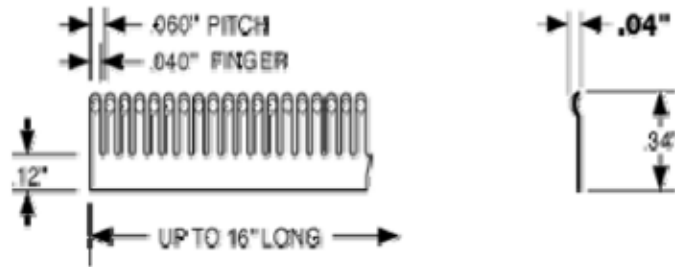
220-60D SPECIAL MOUNTING REVERSE BEND CONTACTS

Compression Force	25%	50%
	Compression (0.053")	Compression (0.035")
Standard .004" Thk.	18 lbs/ft	41 lbs/ft



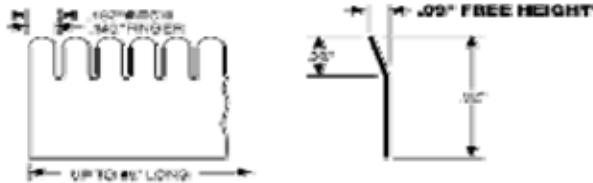
220-60R SPECIAL MOUNTING SPHERICAL RADIUS

Standard .004" Thk.



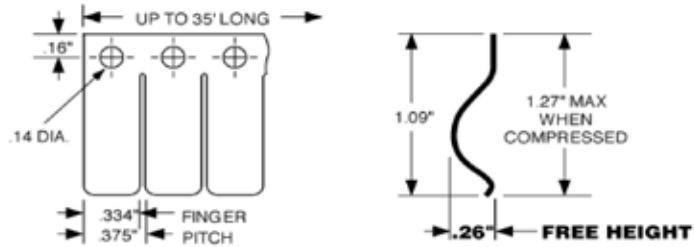
220-187RB SPECIAL MOUNTING CYLINDRICAL RADIUS

Compression Force	25% Compression (0.068")	50% Compression (0.045")
Standard .005" Thk.	3.0 lbs/ft	6.0 lbs/ft



220-375A SPECIAL MOUNTING STRIP GASKETS

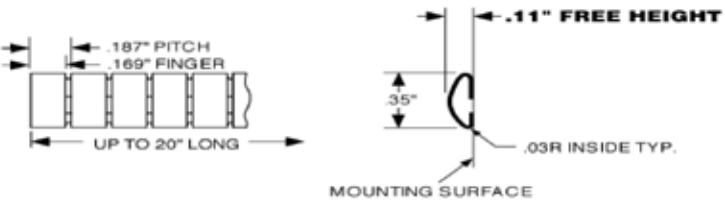
Compression Force	25% Compression (0.195")	50% Compression (0.130")
Standard .005" Thk.	15 lbs/ft	41 lbs/ft



Note: Drawing shown at reduced size.

220-187W35 STICK-ON SOFT NO-SNAG FINGERS

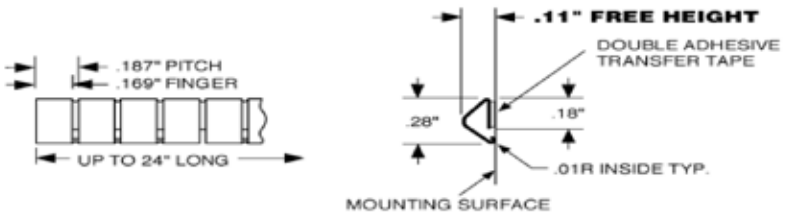
Compression Force	25% Compression (0.083")	50% Compression (0.055")
Standard .003" Thk.	25 lbs/ft	89 lbs/ft
"TF" Style .002" Thk.	6 lbs/ft	23 lbs/ft



Note: Standard part does not include tape. Part is available with double adhesive transfer tape.

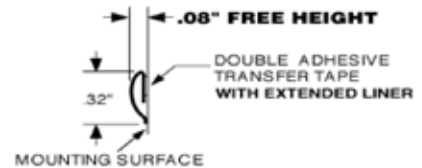
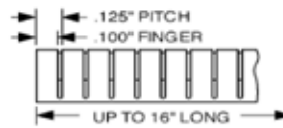
220-187P28 STICK-ON SOFT FINGERS

Compression Force	25% Compression (0.083")	50% Compression (0.055")
Standard .002" Thk.	15 lbs/ft	32 lbs/ft



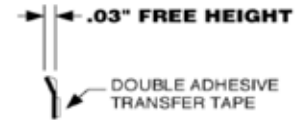
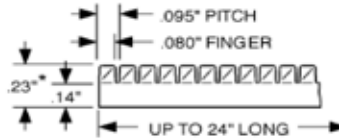
220-125G32 STICK-ON LOW PROFILE NO-SNAG

Compression Force	25% Compression (0.060")	50% Compression (0.040")
Standard .002" Thk.	6.8 lbs/ft	17 lbs/ft



220-95T STICK-ON TWISTED CONTACTS

Compression Force	25% Compression (0.023")	50% Compression (0.015")
Standard .003" Thk.	5.8 lbs/ft	35 lbs/ft
"TF" Style .002" Thk.	4.9 lbs/ft	19 lbs/ft

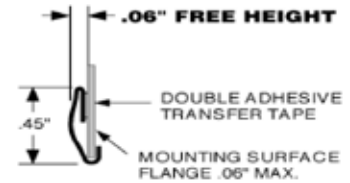


* COMPRESSED DIM.

Notes: Also available in 25 ft. rolls. Also available in Stainless Steel

220-LP45H060 HOOK & STICK-ON SLOTLESS GASKET

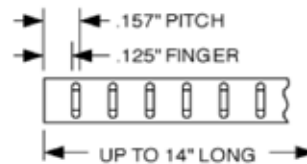
Compression Force	25% Compression (0.045")	50% Compression (0.030")
Standard .0035" Thk.	*	*
"TF" Style .0025 Thk.	*	*



* Consult factory for performance data.

220-157S20 TRACK MOUNTING SYMMETRICAL

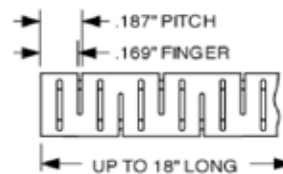
Compression Force	25% Compression (0.056")	50% Compression (0.038")
Standard .002" Thk.	*	*



Note: For use on customer extrusions.

220-93AS32 TRACK MOUNTING SYMMETRICAL ALTERNATE SLOT

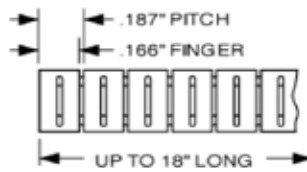
Compression Force	25% Compression (0.075")	50% Compression (0.050")
Standard .002" Thk.	8.3 lbs/ft	18.8 lbs/ft



Note: For use with Track TR32, TR32T, STR32XXX, STR32TXXX

220-93S32 TRACK MOUNTING SYMMETRICAL

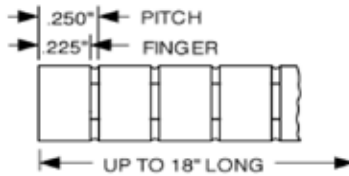
Compression Force	25% Compression (0.075")	50% Compression (0.050")
Standard .002" Thk.	9.1 lbs/ft	18.1 lbs/ft



Note: For use with Track TR32, TR32T, STR32XXX, STR32TXXX

220-250S37 TRACK MOUNTING SYMMETRICAL

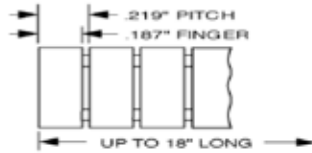
Compression Force	25% Compression (0.098")	50% Compression (0.065")
Standard .002" Thk.	9 lbs/ft	17 lbs/ft



Note: For use with Track TR37X, STR37XXX, STR37TXXX

220-219S60 TRACK MOUNTING SYMMETRICAL

Compression Force	25% Compression (0.143")	50% Compression (0.095")
Standard .005" Thk.	10 lbs/ft	26 lbs/ft
"TF" Style .003" Thk.	3.8 lbs/ft	9.5 lbs/ft



Note: For use with Track TR60X