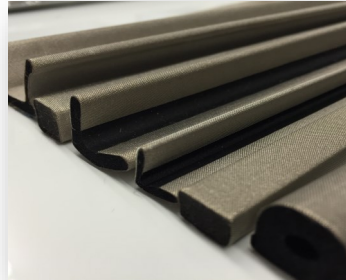
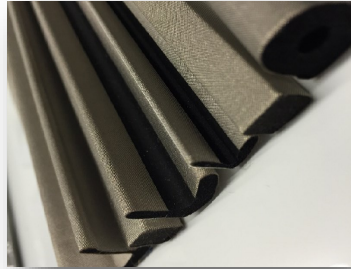


## Conduct-O-Foam

### **ECS 200 Series**

ECS standard 200-Series profile gaskets contain a closed cell foam core wrapped with a plated fabric. Our fabric-over-foam continuous strip gaskets have excellent shielding effectiveness (SE), high durability, low compression set and low resistance.



**DESCRIPTION:** Nylon Taffeta plated with Nickel over Copper, bonded to a Closed Cell foam EPDM core, with optional non-conductive pressure sensitive adhesive (PSA).

**APPLICATIONS:** EMI/RFI shielding.

#### TECHNICAL DATA

##### **Conductive Fabric**

|                                 |                    |
|---------------------------------|--------------------|
| Thickness                       | 0.004 in (0.102mm) |
| Resistance                      | <0.05 ohm/sq       |
| Shielding Effectiveness @ 1 GHz | 75 – 90 dB         |

##### **EPDM (Foam Core)**

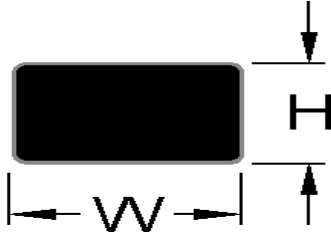
|                      |         |
|----------------------|---------|
| UL Rating            | -       |
| Compression Set      | 6 - 25% |
| Durometer (Shore 00) | 50 – 60 |

##### **PSA**

|                                                  |                       |
|--------------------------------------------------|-----------------------|
| Adhesive Thickness                               | 0.003 in (0.076mm)    |
| Adhesion (ASTM D3330-90 F)<br>to Stainless Steel |                       |
| 15 minutes RT:                                   | 49 oz/in (53 N/100mm) |
| 72 hours RT                                      | 54 oz/in (57 N/100mm) |
| 72 hours 158 F                                   | 68 oz/in (74 N/100mm) |
| Shear Strength (ASTM D3654)                      |                       |
| 1000 grams @ 72 F                                | 142 minutes           |
| 500 grams @ 158 F                                | 1800 minutes          |

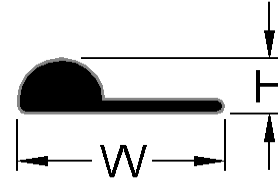
# Conduct-O-FOAM

## ECS 200 Series

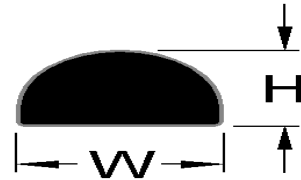


| H (in.) | W (in.) | PART NO.       |
|---------|---------|----------------|
| .118    | .118    | 200-R118118-84 |
| .200    | .200    | 200-R200200-84 |
| .236    | .236    | 200-R236236-84 |
| .315    | .315    | 200-R315315-84 |
| .375    | .375    | 200-R375375-84 |
| .669    | .669    | 200-R669669-84 |

|      |       |                |
|------|-------|----------------|
| .059 | .197  | 200-059197-84  |
| .059 | .275  | 200-R059275-84 |
| .059 | .390  | 200-R059390-84 |
| .059 | .551  | 200-R059551-84 |
| .079 | .157  | 200-R079157-84 |
| .079 | .275  | 200-R079275-84 |
| .079 | .295  | 200-R079295-84 |
| .079 | .394  | 200-R079394-84 |
| .125 | .250  | 200-R125250-84 |
| .125 | .375  | 200-R125375-84 |
| .125 | .500  | 200-R125500-84 |
| .130 | .190  | 200-R130190-84 |
| .157 | .157  | 200-R157157-84 |
| .250 | .375  | 200-R250375-84 |
| .250 | .500  | 200-R250500-84 |
| .375 | .500  | 200-R375500-84 |
| .375 | 1.000 | 200-3751000-84 |



| Profile      | H            | W             |
|--------------|--------------|---------------|
| 200-P1552-84 | .150 (3.8mm) | .520 (13.2mm) |
| 200-PXXXX-XX | Custom       | Custom        |



| Profile      | H            | W            |
|--------------|--------------|--------------|
| 200-D1215-84 | .120 (3.0mm) | .150 (3.8mm) |
| 200-D1425-84 | .140 (3.6mm) | .250 (6.4mm) |
| 200-D2538-84 | .250 (6.4mm) | .375 (9.5mm) |



| Profile      | H            | W             |
|--------------|--------------|---------------|
| 200-L3942-84 | .385 (9.8mm) | .420 (10.7mm) |
| 200-LXXXX-XX | Custom       | Custom        |

**We also offer a large array of profiles available upon request**