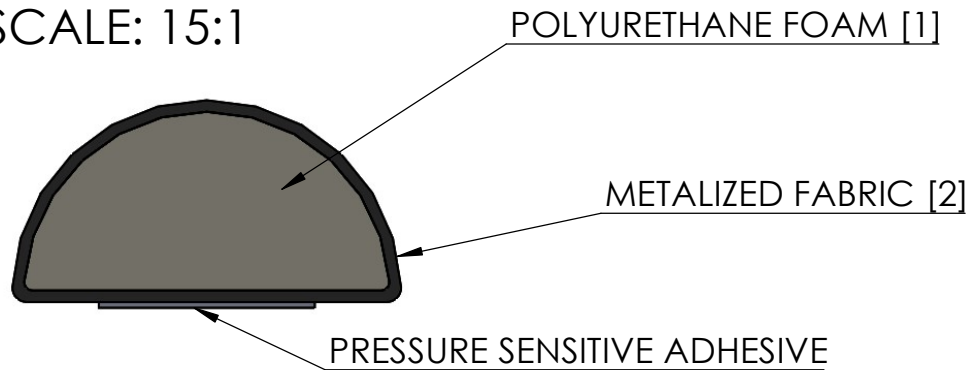


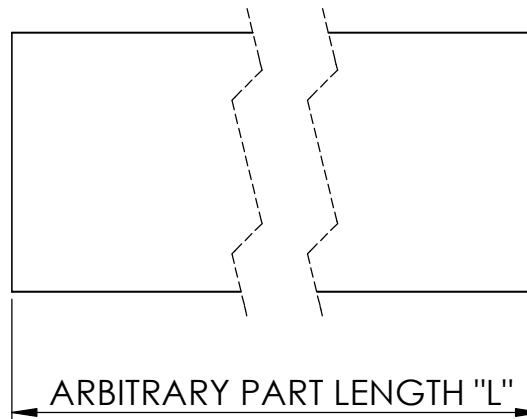
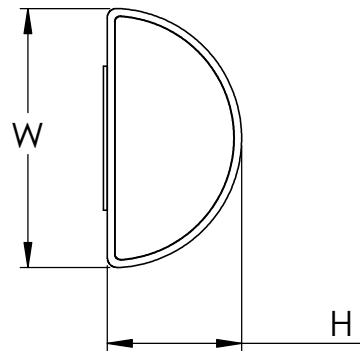
SIDE VIEW
SCALE: 15:1



Notes:

1. Open-cell Polyurethane foam core
2. Nickel-plated copper nylon ripstop fabric
3. For more detailed specs, see Orbel product catalog

H	W
0.040	0.150
0.040	0.200
0.050	0.140
0.050	0.187
0.050	0.250
0.060	0.150
0.060	0.250
0.070	0.135
0.070	0.180
0.080	0.080
0.080	0.157
0.080	0.394
0.090	0.090
0.090	0.150
0.100	0.300
0.110	0.180
0.120	0.150



<p>RoHS Compliant</p> <p>THIRD ANGLE PROJECTION </p> <p>DO NOT SCALE DRAWING</p> <p>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ORBEL CORPORATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ORBEL CORPORATION IS PROHIBITED.</p>		<p>DIMENSIONS ARE IN INCHES [MILLIMETERS]</p> <p>TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± 3 Degrees TWO PLACE DECIMAL ± .030 [.762] THREE PLACE DECIMAL ± .020 [.508]</p> <p>MATERIAL:</p> <p>FINISH:</p> <p>WEIGHT: 0.608oz [17.237g]</p>		<p>NAME</p> <p>TNC</p> <p>ENG APPR.</p> <p>MFG APPR.</p> <p>Q.A.</p> <p>COMMENTS:</p>	<p>DATE</p> <p>8/9/2019</p>	
<p>SIZE A DWG NO. D-SHAPED</p>		<p>SCALE: 10:1</p>		<p>REV. 01</p>	<p>CAGE CODE: 57DU2</p>	

ULTRAFLEX™ CONDUCTIVE FOAM

Mechanical Properties

- Material Specification: Flame-retardant nickel-plated copper polyurethane foam protected between two layers of conductive polyester fabric
- Adhesive: 0.002"-thick nickel-filled conductive acrylic tape
- Configurations: Sheets, strips, or custom die-cuts
- Deflection Range: 30%-75% deflection
- Compression Force: 2.1 pounds per square inch at 30% deflection
- Temperature Range: -40°F to 158°F (-40°C to 70°C)
- Flammability: UL94HB

Electrical Properties

- Surface Resistivity: <0.02 ohms per square inch
- Z Resistivity: <0.01 ohms
- Shielding Effectiveness: >60dB attenuation 30MHz to 3GHz

Environmental Properties

- Shelf Life: 2 years if stored in a temperature- and humidity-controlled environment

HOW TO ORDER METALIZED FABRIC GASKETS

Sample Part Number: 125R250-024000N

