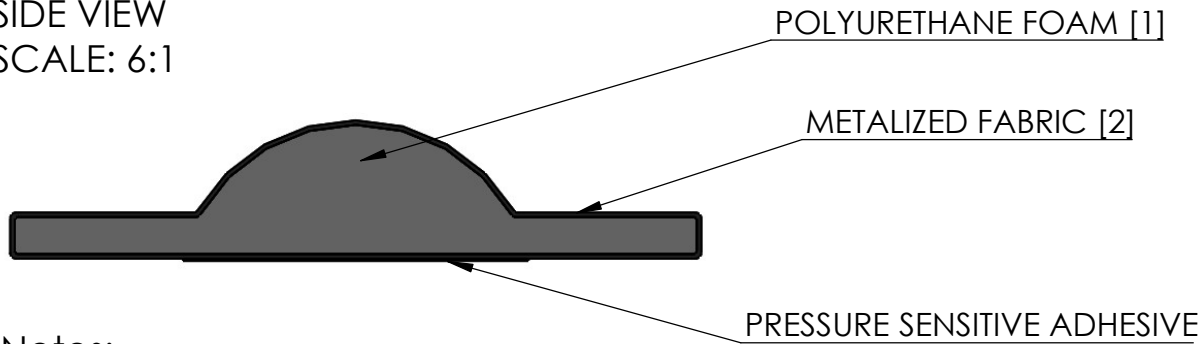


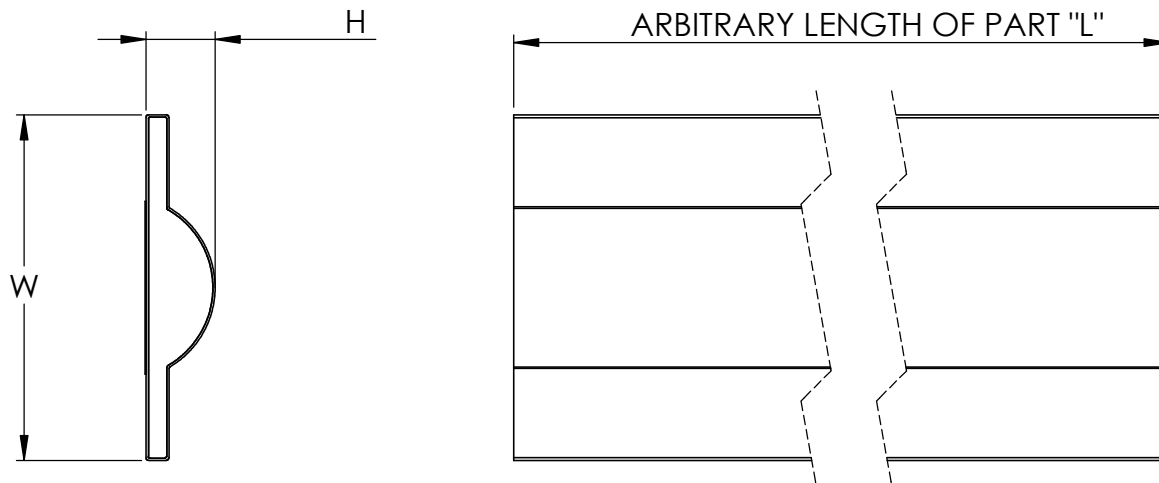
SIDE VIEW  
SCALE: 6:1



H	W
0.070	0.180
0.070	0.564
0.080	0.315
0.080	0.450
0.080	0.675
0.100	0.300
0.100	0.394
0.120	0.400
0.120	0.600
0.130	0.256
0.150	0.500
0.200	0.500

Notes:

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



<p>RoHS Compliant</p> <p>THIRD ANGLE PROJECTION </p> <p>DO NOT SCALE DRAWING</p> <p><b>PROPRIETARY AND CONFIDENTIAL</b> 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>DATE</p> <p>8/9/2019</p> <p>CHECKED</p> <p>ENG APPR.</p> <p>MFG APPR.</p> <p>Q.A.</p> <p>COMMENTS:</p>	<p><b>ORBEL</b> ENGINEERED SOLUTIONS</p> <p>SIZE <b>A</b> DWG NO. <b>BELL-SHAPED</b> REV. <b>01</b></p> <p>SCALE: 3:1 CAGE CODE: 57DU2 SHEET 1 OF 1</p>	
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# 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

