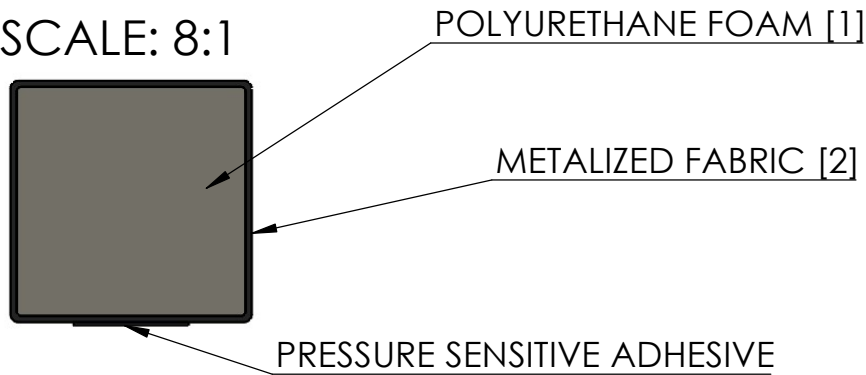


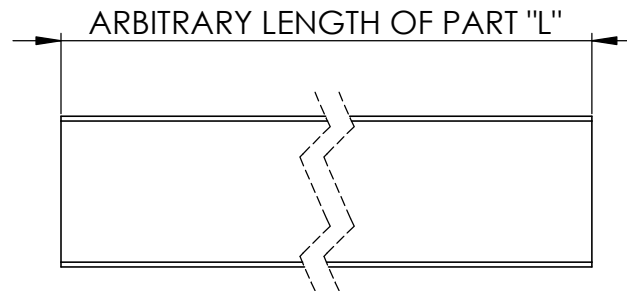
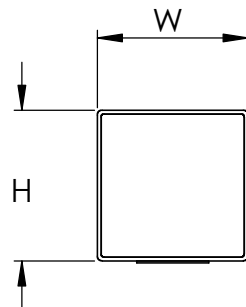
SIDE VIEW  
SCALE: 8:1



H	W
0.080	0.080
0.093	0.093
0.118	0.118
0.157	0.157
0.195	0.195
0.236	0.236
0.250	0.250
0.375	0.375
0.395	0.395
0.500	0.500
0.670	0.670

Notes:

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



RoHS Compliant		NAME		DATE	
THIRD ANGLE PROJECTION 	DIMENSIONS ARE IN INCHES [MILLIMETERS] TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± 3 Degrees TWO PLACE DECIMAL ± .030 [.762] THREE PLACE DECIMAL ± .020 [.508]	DRAWN	TNC	8/9/2019	
		CHECKED			
DO NOT SCALE DRAWING	MATERIAL:	ENG APPR.			
<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.	FINISH:	MFG APPR.			
	WEIGHT: 0.608oz [17.237g]	COMMENTS:			
		SIZE	DWG NO.		REV.
		A	SQUARE		01
		SCALE: 5:1	CAGE CODE: 57DU2		SHEET 1 OF 1

# 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

