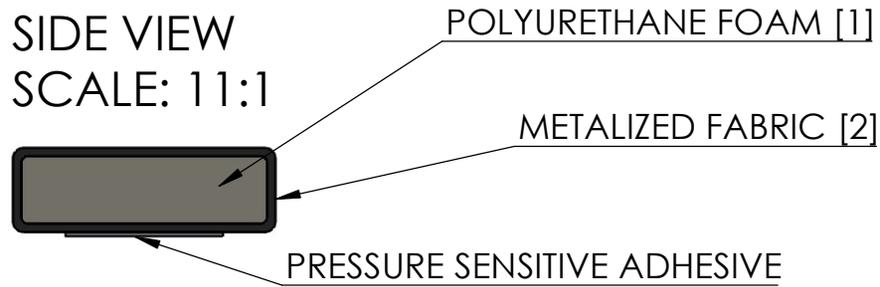
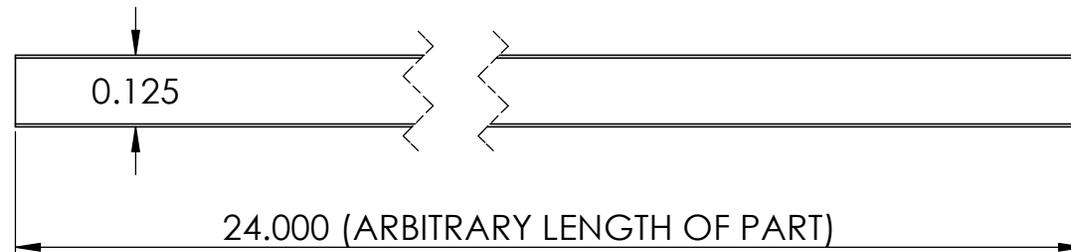
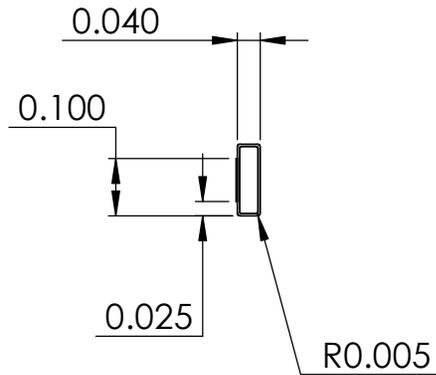


SIDE VIEW  
SCALE: 11:1



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		DIMENSIONS ARE IN INCHES [MILLIMETERS] TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± 3 Degrees TWO PLACE DECIMAL ± .030 [.762] THREE PLACE DECIMAL ± .020 [.508]	NAME	DATE	
THIRD ANGLE PROJECTION			DRAWN	TNC	
DO NOT SCALE DRAWING		CHECKED			
<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.		ENG APPR.			
		MFG APPR.			
		Q.A.			
		FINISH:	COMMENTS:		
		WEIGHT: 0.608oz [17.237g]			
		SIZE <b>A</b> DWG NO. <b>040R125-024000</b>		REV. <b>01</b>	
		SCALE: 3:1		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

