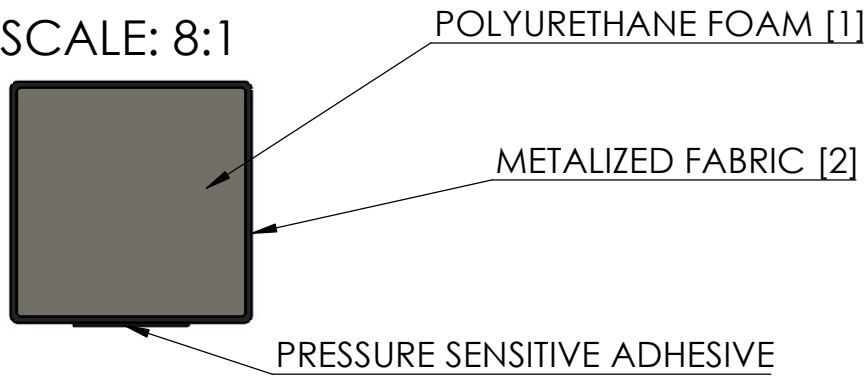
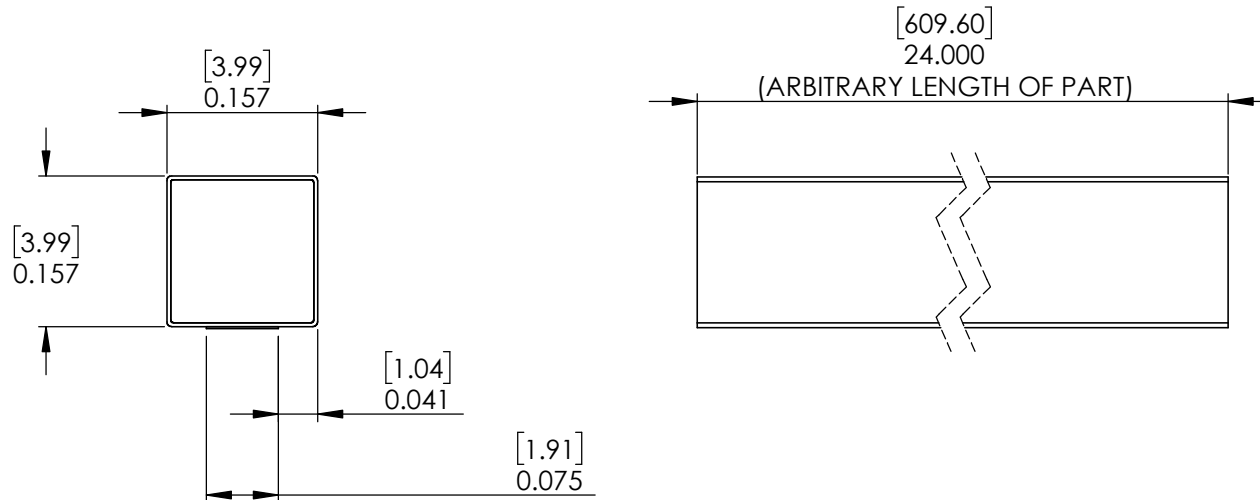


SIDE VIEW  
SCALE: 8:1



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]		NAME	DATE
THIRD ANGLE PROJECTION		TOLERANCES:		DRAWN	TNC 8/9/2019
DO NOT SCALE DRAWING		FRACTIONAL ±		CHECKED	
PROPRIETARY AND CONFIDENTIAL		ANGULAR: MACH ± 3 Degrees		ENG APPR.	
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.		TWO PLACE DECIMAL ± .030 [.762]		MFG APPR.	
		THREE PLACE DECIMAL ± .020 [.508]		Q.A.	
		MATERIAL:		COMMENTS:	
		FINISH:			
		WEIGHT: 0.608oz [17.237g]			
SIZE	DWG NO.			REV.	
A	157S157-024000			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

