

# EAST COAST SHIELDING

## EXPANDASHIELD GASKETING MATERIAL 170 SERIES



EAST COAST SHIELDING 170 Series gaskets and gasketing material are fabricated from an unfilled or silicone filled severely expanded Monel or Aluminum.

### **APPLICATIONS:**

170 Series unfilled is recommended for applications requiring EMI shielding of seams with up to 0.005" of joint unevenness. 170 Series filled with silicone is recommended for applications requiring EMI shielding of seams with up to 0.005" of joint unevenness which also must provide a pressure seal. Both types of 170 Series are very effective in penetrating non- conductive coatings on the gasket mounting surface.

### **AVAILABLE CONFIGURATIONS:**

170 Series is available for delivery in the materials and sizes listed in table 170A and 170B. Expandashield gasketing material can be supplied in 12" wide rolls or can be custom die-cut to your specifications. For custom die-cut gaskets, please submit a drawing of the gasket and the type of material required. Expandashield is also available in standard connector gasket sizes. See CONNECTOR GASKETS for additional information.

## **MATERIAL SPECIFICATIONS**

<b>EXPANDED ALUMINUM</b>	<b>AMS-4182 Expanded Aluminum</b>
<b>EXPANDED MONEL</b>	<b>QQ-N-281B Expanded Monel</b>
<b>SILICONE SOLID</b>	<b>ZZ-R-765 Class 2B, Grade 50</b>

**TABLE 170A. MONEL EXPANDASHIELD**

<b>THICKNESS</b>	<b>WIDTH</b>	<b>FILLED</b>	<b>PART NO.</b>
.020 +/- .004"	12.00 +/- .25"	YES	170-0001
.020 +/- .004"	12.00 +/- .25"	NO	170-0002
.030 +/- .004"	12.00 +/- .25"	YES	170-0003
.030 +/- .004"	12.00 +/- .25"	NO	170-0004

**TABLE 170B. ALUMINUM EXPANDASHIELD**

<b>THICKNESS</b>	<b>WIDTH</b>	<b>FILLED</b>	<b>PART NO.</b>
.030 +/- .004"	12.00 +/- .25"	YES	170-0005
.030 +/- .004"	12.00 +/- .25"	NO	170-0006

*NOTE- DIMENSIONS ARE IN INCHES*