



## **K-FLEX ECO**

K-FLEX ECO is a halogen-free, NBR-based closed cell, flexible elastomeric foam insulation. It is environmentally-friendly as it is free of CFCs, HFCs, HCFCs, PBDEs, formaldehyde and fibers. An EPA-registered antimicrobial agent is incorporated into the product providing additional protection against mold, fungal and bacterial growth. K-FLEX ECO does not contain carbon black or PVC in accordance with United States Navy Environmental Department standards.

## **TECHNICAL SPECIFICATIONS**

### **FLAME SPREAD / SMOKE DEVELOPMENT**

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<25/50 (up to 3/4") (ASTM E84)  
Pass (EB 4013)  
Pass (IMO Res. A 653 (16), MSC 61 (67))

### **HOT SURFACE PERFORMANCE**

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No Cracking or Delamination (ASTM C411)

### **OPERATING TEMPERATURE RANGE**

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-297°F\* (-183°C) to +250°F (+120°C)  
PSA: -40°F (-40°C) to +200°F (+93°C)  
(ASTM C534)

### **THERMAL CONDUCTIVITY 75°F (24°C) MEAN TEMP**

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0.270 (.039) (ASTM C177)

### **UV / WEATHER RESISTANCE**

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Pass\* (QUV Chamber Test)

\*Outdoor applications should be protected with an approved K-FLEX coating or cladding.

## **WATER VAPOR PERMEABILITY (DRY CUP: ELASTOMERIC INSULATION)**

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<0.10 perm-in (ASTM E96)

## **DENSITY**

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3-5 lb/ft<sup>3</sup> (ASTM D1667)

**CONTACT US FOR MORE INFORMATION ABOUT THIS PRODUCT**

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