



## K-FLEX PE

K-FLEX PE is a polyethylene based closed cell, flexible foam insulation meeting the requirements of ASTM C1427. It is environmentally-friendly as it is free of CFCs, HFCs, HCFCs, PBDEs, formaldehyde and fibers. K-FLEX PE contains no halogens. K-FLEX PE has excellent thermal, physical, and chemical resistance properties as exhibited by its low thermal conductivity and low water absorption and water vapor permeability

# TECHNICAL SPECIFICATIONS

### FLAME/SMOKE RATING (MAX)

25/50 (ASTM E84)

\* Cumple con los requisitos de NFPA 90A / 90B cuando se prueba a 125°C

\*\* Las clasificaciones numéricas de inflamabilidad por sí solas pueden no definir el rendimiento de los productos en condiciones reales de incendio. Se proporcionan solo para el uso en la selección de productos.

### LOWER USE LIMIT, °F (°C)

-200 (-129) (ASTM C411)

### NOMINAL DENSITY, PCF

1.5 +/- 0.5 (ASTM D1622)

### THERMAL CONDUCTIVITY, BTU·IN./HR·FT<sup>2</sup> °F (W/(M·K)) 100°F (38°C) MEAN TEMP

0.28 (0.040) (ASTM C177 OR C518)

### THERMAL CONDUCTIVITY, BTU·IN./HR·FT<sup>2</sup> °F (W/(M·K)) 120°F (49°C) MEAN TEMP

.295 (.042) (ASTM C177 OR C518)

### THERMAL CONDUCTIVITY, BTU·IN./HR·FT<sup>2</sup> °F (W/(M·K)) 75°F (24°C) MEAN TEMP

.27 (.039) (ASTM C177 OR C518)

### UPPER USE LIMIT, °F (°C)

200 (93) (ASTM C411)

### WATER VAPOR PERMEABILIT

<0.05 (ASTM E96)