

# Technical Data Sheet

## CRAD-X™ 500 High Density Polyurethane Pipe Supports

### HIGH DENSITY POLYURETHANE FOAM PRODUCT INFORMATION (500Kg/m<sup>3</sup> nom.density)

CRAD-X™ 500 is a pre-insulated pipe support for cryogenic applications.  
CRAD-X™ 500 is manufactured from high density polyurethane which do not contain or use during fabrication environmentally hazardous materials.  
CRAD-X™ 500 is CFC free.

**PIRMAC™ 35 Polyisocyanurate (PIR) Complies with ASTM C591, Grade 2, Type IV**

Properties	Test Method	Results
Density	ASTM D1622	500 Kg/m <sup>3</sup>
Compressive Strength (at 20°C)	ASTM D1621	22.9 Mpa
Compressive Strength (at -160°C)	ASTM D1621	39.5 Mpa
Thermal Conductivity (at 20°C)	ASTM C177	0.043 W/mk
Thermal Conductivity (at -160°C)	ASTM C518	0.039 W/mk
Closed cell content	ASTM D2856	96%
Leachable Halides	ASTM D871	Less than 20ppm
Tensile Strength (at 20°C)	ASTM D1623	12.58 Mpa
Tensile Strength (at -160°C)	ASTM D1623	15.05 Mpa
Water Absorption	ASTM D2842	0.1% vol

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Our Chemical Systems Provided By:



CRAD-X™ High Density Polyurethane Pipe Supports