

Tarecpir® 360

Polyisocyanurate Pipe Insulation

High-Performance PIR Pipe Insulation for Hot & Cold Service

Rigid closed-cell PIR pipe insulation for cryogenic through high-temperature service.



≤0.22

K-FACTOR 75°F mean temp
ASTM C177

−328°F to +350°F

SERVICE RANGE* 2.5 lb/ft³
Tarecpir-HT

22–125 psi

COMPRESSIVE RESISTANCE RANGE
ASTM C165

ASTM C591 Material Properties

Type	IV	II	III	V	VI
Density	2 lb/ft³	2.5 lb/ft³	3 lb/ft³	4 lb/ft³	6 lb/ft³
Compressive Resistance	22 PSI	30 PSI	45 PSI	80 PSI	125 PSI
Apparent Thermal Conductivity C518, aged +75°F	≤0.19	≤0.19	≤0.21	≤0.21	≤0.22
Water Absorption, Max	2%	1%	1%	1%	0.8%
Service Temp Range	−297°F/+300°F	−328°F/+350°F¹	−297°F/+300°F	−297°F/+300°F	−297°F/+300°F
Dimensional Stability, Max % linear change					
158 + 4°F, 97 + 3% relative humidity	4%	4%	4%	4%	4%
−40 + 6°F, ambient relative humidity	1%	1%	1%	1%	1%
212 + 4°F, ambient relative humidity	2%	2%	2%	2%	2%

¹ Applies to 2.5 lb/ft³ Tarecpir-HT

FABRICATED TO FIT

Half sections, segments, and curved shapes machined to pipe sizes for a tight, gap-free fit.

CLOSED-CELL PERFORMANCE

Rigid closed-cell structure with low water absorption for demanding insulation applications.

CLASS A SURFACE BURNING CHARACTERISTICS

When tested in accordance with ASTM E84, supporting use in applications where stringent flame spread and smoke development performance is required..

Engineered for Process Piping

Tarecpir® 360 pipe insulation is fabricated from the same rigid PIR bunstock used across the Tarecpir family, supplied as half sections and segments for hot and cold process piping and paired with Tarecpir® 360 pipe supports for a single-material system.

- ✓ Hot & cold service ready surfaces
- ✓ Tight, gap-free fit
- ✓ Consistent quality
- ✓ Jacket-ready surfaces

Contact Details

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For the most current installation guidelines and compliance information go to www.kingspaninsulation.us.

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