



Physical Properties



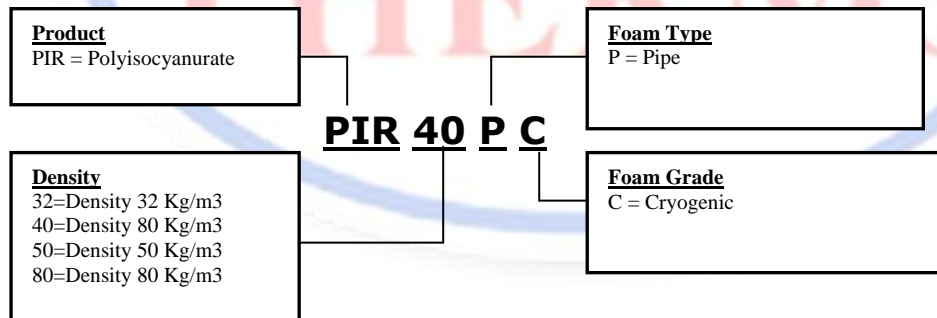
Property	Test Standard	Unit	Value	Value
Blowing Agent			HCFC141b	HCFC 141b
Overall Mould Density	-	kg/m ³	47	54
Core Density	ASTM D1622	kg/m ³	40	48
Compressive Strength	ASTM D1621	kPa		
- Parallel			250	280
- Perpendicular			120	155
Dimensional Stability	ASTM D2126			
48 hours exposure @ -15°C		% volume	0.3	0.3
@100°C		Change	0.2	0.2
Thermal Conductivity	ASTM C518	W/m°C	0.020	0.020
Closed Cell Content	ASTM D2856	%	92	92
Water absorption	ASTM D2842	% v/v	< 2	< 2
Service Temperature		°C	-180 to + 90 °C	
Flammability	DIN 4102	-	B2	B2
Fire Resistance				
Mean Burn Length	BS4735	mm	10	10
Mean Burn Time		sec	0	0

Polyisocyanurate

Product Available Code

Product	Color	Grade	Density	Type	Available Code			
PIR	Pink	Cryogenic	32 / 40 / 50 / 80	Pipe	PIR32PC	PIR40PC	PIR50PC	PIR80PC

Standard Product Available Code



Cut Pipe Sections, Segments

For all sizes up to 20" NB supplied in half sections. For size over 20" NB and Vessel or Equipment between 500 mm and 3600 mm diameter shall be in curved and beveled segments having a width on the outside radius of minimum of 450 mm. Other sizes shall be available upon consulting to Wintherms

STORAGE OF MATERIALS

The materials are sensitive to humidity. When store outdoor, care must be taken to protect and secured with weather protection. Avoid not too often sites handling that will not cause any deformation and physical shape.

Wintherms CO., Ltd.
202 Moo 1 T. Bankhai A. Bankhai Rayong 21120 Thailand
Phone : 038-642489-90 , 038-868635-6 Fax : 038-868179
E-mail : wintherms@wintherms.com
Website : www.wintherms.com



Pipe Section



Product Features

- Very good Thermal Conductivity.
- Strong Elastic Capacity.
- Fire Retardant B2 rating (DIN4102)
- Polyisocyanurate Foam Density 32 – 80 Kg/m³.

Insulation for Cryogenic System Available.