

DESCRIPTION

** Most common specs. All PE Products thicker than 0.06" fall under the 2# Product Series.*

Crosslinked, closed cell polyethylene foam provides great low cost gasketing for low pressure applications that don't require re-sealability. White PE is approved for incidental food contact.

> 0.06" Thick Polyethylene Foam Specs - E Series 2# Density CXL PE

Technical Specifications				
Physical Property	U/M	Test Method	Value	Notes
Compression Set	%		22	% of Original Thickness
Compression Strength	PSI		7	25% Deflection
Density	PCF		2	
Elongation	%		150	
Flammability			Pass Available	MVSS302
Maximum Temperature	F		175	
Minimum Temperature	F		-70	
Tear Resistance	PIN		13	
Tensile Strength	PSI		44	
Thermal Conductivity			.27	btu/hr/inch ft/degree F
Thermal Stability	%		<.6	% of Chg @ 150F for 24 Hrs.
Water Absorption			<.06	lb/ft/degree F

DESCRIPTION

Crosslinked, closed cell polyethylene foam provides great low cost gasketing for low pressure applications that don't require re-sealability. White PE is approved for incidental food contact.

0.06" Thick Polyethylene Foam Specs - E Series 4# Density CXL PE

Technical Specifications				
Physical Property	U/M	Test Method	Value	Notes
Compression Set	%	ASTM D3575	18	
Compression Strength	PPI	ASTM D3575	9	@ 25%
Density	PCF		4	+/- .4
Durometer		ASTM D2240	64	OO Scale
Elongation	%	ASTM D3575	177	Machine Direction
Maximum Temperature	F		180	
Minimum Temperature	F		-60	
Shrinkage	%		2.8	3 hrs. @ 180C
Tear Strength	PLI	ASTM D624	22	+/- 3
Tensile Strength	PSI	ASTM D3575	78	Cross-Machine Direction
Tensile Strength	PSI	ASTM D3575	123	Machine Direction
Thermal Conductivity			.30	K @ 70F
Water Absorption	%		.04	

DESCRIPTION

Crosslinked, closed cell polyethylene foam provides great low cost gasketing for low pressure applications that don't require re-sealability. White PE is approved for incidental food contact.

0.03" Thick Polyethylene Foam Specs - E Series 6# Density CXL PE

Technical Specifications				
Physical Property	U/M	Test Method	Value	Notes
Compression Set	%	ASTM D3575	14	
Compression Strength	PSI	ASTM D3575	18	@ 25%
Density	PCF		6	+/- .6
Durometer		ASTM D2240	71	Shore OO
Elongation	%	ASTM D3575	203	Machine Direction
Maximum Temperature	F		180	
Minimum Temperature	F		-60	
Tensile Strength	PSI	ASTM D3575	177	Machine Direction
Tensile Strength	PSI	ASTM D3575	122	Cross-Machine Direction
Thermal Conductivity			.32	K @ 70F
Thermal Conductivity	K		.32	
Water Absorption		ASTM D-1667	.04	Lbs./SF of Cut Surface