

Technical Data

Volara[®] Type A

PRODUCT DEFINITION

Volara type A foams are the choice for economy driven applications. This general purpose crosslinked LDPE foam is ideal for industrial applications like flooring underlay, construction gap filler, industrial gaskets, and custom packaging.

Type A is available for food contact and has long been the choice for bottle cap liners. Additionally, this product will thermoform and can be compression molded. Type A is an option for single and double coated PSA foam systems. For thicker applications, type A Volara roll goods can be laminated to create boards as thick as 2".

 HEAT STABILITY UP TO
215°F

 ROLL FORM UP TO
2500 ft.

 **CUSTOM**
COLORS AVAILABLE

PRODUCT CHARACTERISTICS

- General purpose foams
- Excellent chemical resistance
- Ideal for gasket applications
- Laminates to 2" available

PRODUCT FORM

- Produced in roll form up to 2500 lineal feet
- Density range: 2pcf to 6pcf
 - Thickness range: 0.031" to 0.420"
 - Width range to 88"

PRODUCT COLORS

- Standard colors are natural-white and black
- Custom colors are available upon request

APPLICATIONS



Transportation Industry



General Industrial



Industrial Tape



Recreation & Leisure



Packaging Dunnage



Aviation & Aerospace



Medical Tape & Healthcare

Michigan Location

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17 Allen Avenue
Coldwater, MI 49036

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Fine-celled, Irradiation cross-linked, Polyolefin Foam

Volara® A

TYPICAL PROPERTIES OF VOLARA A		
	2 pcf	4 pcf
Compression Strength / (ASTM D3575)		
(lb / sq-in) @ 25% compression	5	10
(lb / sq-in) @ 50% compression	14	21
Tensile Strength / (ASTM D3575)		
(lb / sq-in) Machine Direction	69	135
(lb / sq-in) Cross-Machine Direction	42	88
Tensile Elongation / (ASTM D3575)		
(%) Machine Direction	136	188
(%) Cross-Machine Direction	111	132
Tear Resistance / (ASTM D3575)		
(lb / in) Machine Direction	7	17
(lb / in) Cross-Machine Direction	12	26
Compression Set / (ASTM D3575)		
% Original Thickness	31	20
Shore Hardness / (ASTM D2240)		
A Scale	7	22
OO Scale	51	64
Thermal Stability		
AVE MD% -1.6 -2.2	-1.42	-0.99
AVE CD% % Change -1.8 -2.0	-0.66	-0.31

February, 2017

NOTE:

This data represented on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific productsales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.