

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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Fine-celled, Irradiation cross-linked, Polyolefin Foam

Volara® A

TYPICAL PROPERTIES OF VOLARA A			
	2 pcf	4 pcf	6 pcf
Compression Strength / (ASTM D3575)			
(lb / sq-in) @ 25% compression	5	10	55
(lb / sq-in) @ 50% compression	14	21	N/A
Tensile Strength / (ASTM D3575)			
(lb / sq-in) Machine Direction	69	135	348
(lb / sq-in) Cross-Machine Direction	42	88	250
Tensile Elongation / (ASTM D3575)			
(%) Machine Direction	136	188	263
(%) Cross-Machine Direction	111	132	170
Tear Resistance / (ASTM D3575)			
(lb / in) Machine Direction	7	17	59
(lb / in) Cross-Machine Direction	12	26	76
Compression Set / (ASTM D3575)			
% Original Thickness	31	20	11
Shore Hardness / (ASTM D2240)			
A Scale	7	22	49
OO Scale	51	64	84
Thermal Stability (ASTM D3575)			
AVE MD%	-1.4	-1.0	-0.8
AVE CD% % Change	-0.7	-0.3	-0.2

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 product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.