

VOLARA TYPE A

PRODUCT DEFINITION

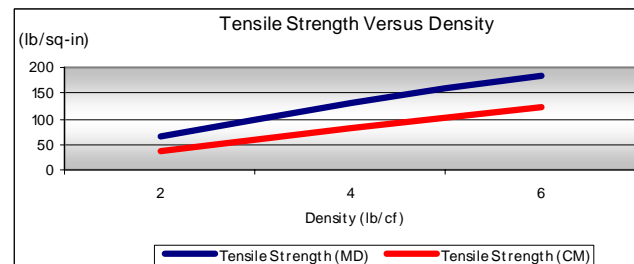
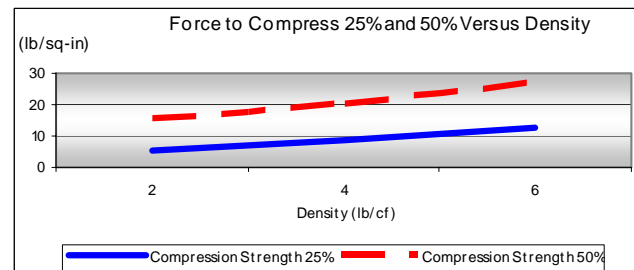
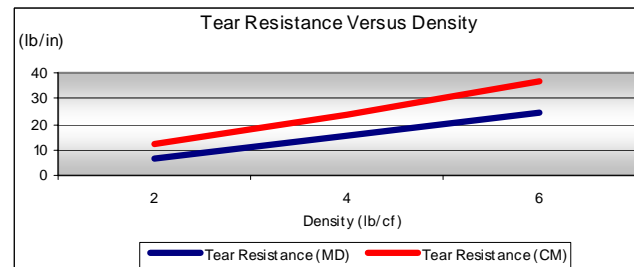
Volara type A foams are the choice for economy driven applications. This general purpose crosslinked LDPE foam is ideal for industrial applications like flooring underlay, construction gap filler, industrial gaskets, and custom packaging. Type A is available for food contact and has long been the choice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

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"
- Standard colors are natural-white and black
- Custom colors are available



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Typical Properties of Volara Type A

	2 pcf	4 pcf	6 pcf
Compression Strength / (ASTM D3575)			
(lb / sq-in) @ 25% compression	5	8	12
(lb / sq-in) @ 50% compression	15	20	27
Tensile Strength / (ASTM D3575)			
(lb / sq-in) Machine Direction	64	132	183
(lb / sq-in) Cross-Machine Direction	38	82	121
Tensile Elongation / (ASTM D3575)			
(%) Machine Direction	142	177	217
(%) Cross-Machine Direction	99	135	179
Tear Resistance / (ASTM D3575)			
(lb / in) Machine Direction	7	15	25
(lb / in) Cross-Machine Direction	12	24	36
Compression Set / (ASTM D3575)	24	15	8
% Original Thickness			
Shore Hardness / (ASTM D2240)			
A Scale	7	15	23
OO Scale	51	64	71
Thermal Stability			
24 Hour Test @ 158° F (70° C)			
AVE MD%	-1.0	-1.0	-1.0
AVE CD% % Change	-1.0	-1.0	-1.0
AVE TH%	2.0	3.0	3.0

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.