

VOLARA TYPE EO

PRODUCT DEFINITION

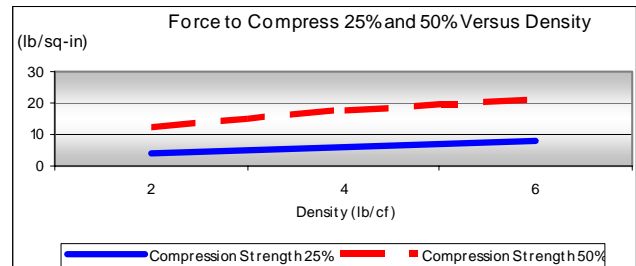
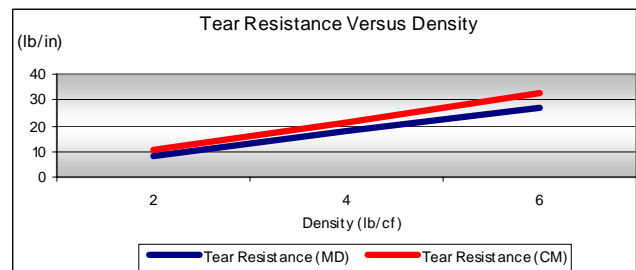
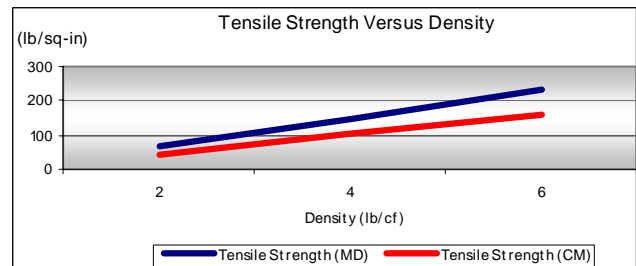
Volara type EO foams are flexible, soft to the touch, closed cell EVA copolymer based materials. Type EO foams are ideally suited for use in medical devices and in applications designed for skin and food contact. The conformability and softness of type EO combined with the strength and toughness of a crosslinked EVA copolymer, has made this grade of foam one of the most recognized double sided foam tape substrates in North America.

PRODUCT CHARACTERISTICS

- Premium medical and industrial tape substrate
- Excellent chemical resistance
- Ideally suited for medical and food contact
- Soft and conformable

PRODUCT FORM

- Produced in roll form up to 3000 lineal feet
- Density range: 2pcf to 6pcf
- Thickness range: 0.031" to 0.375"
- Width range to 82"
- Standard colors are natural-white and black
- Custom colors are available



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Typical Properties of Volara Type EO

	2 pcf	4 pcf	6 pcf
Compression Strength / (ASTM D3575)			
(lb / sq-in) @ 25% compression	4	6	8
(lb / sq-in) @ 50% compression	12	17	21
Tensile Strength / (ASTM D3575)			
(lb / sq-in) Machine Direction	65	146	230
(lb / sq-in) Cross-Machine Direction	40	102	162
Tensile Elongation / (ASTM D3575)			
(%) Machine Direction	224	324	331
(%) Cross-Machine Direction	220	358	375
Tear Resistance / (ASTM D3575)			
(lb / in) Machine Direction	8	18	27
(lb / in) Cross-Machine Direction	10	21	33
Compression Set / (ASTM D3575)			
% Original Thickness	24	12	6
Shore Hardness / (ASTM D2240)			
A Scale	0	11	17
OO Scale	39	54	59
Thermal Stability			
24 Hour Test @ 158° F (70° C)			
AVE MD%	-1.9	-1.9	-1.8
AVE CD% % Change	-1.6	-1.1	-1.1
AVE TH%	1.1	3.1	4.3

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.