

# Volara® 2EO and 4EO Cushioning Foam



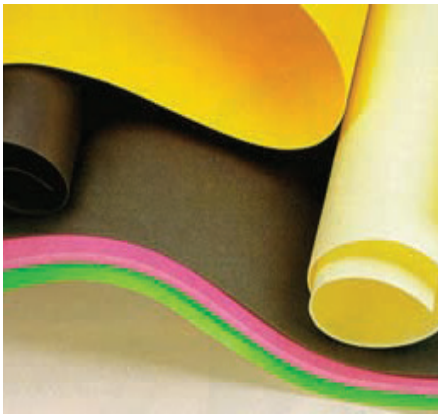
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Eliminating discomfort or pain and improving fit allows patients to better utilize their devices. Soft, smooth Volara® Foam is a key part of helping patients achieve that comfort and good fit.

Volara® foam combines the toughness of a cross-linked EVA copolymer with the comfort and softness typical of EO foams. Premium Volara® Foam is flexible and soft to the touch. The closed cell makeup of this foam gives it a clean smooth surface. In fact, Volara® was designed specifically for skin contact and it has achieved FDA compliance for medical and food contact as well.

- Premium medical and industrial tape substrate
- Heat Mold-able
- Bonds well to plastics
- Excellent chemical resistance
- Smooth finish
- Ideally suited for direct contact with skin
- Flexible, soft, and comfortable
- Easy to cut and form
- FDA compliant for medical and food contact



thyssenkrupp Engineered Plastics maintains stock of Volara® 4EO and 2EO White foam in thicknesses of 1/8, 3/16, and 1/4 inch and rolls in 50 ft., 100 ft. as well as full rolls.

NOTE: Data and information provided is from the manufacturer. Results may vary based on environment and application. No guarantee or warranty is implied.

### Typical Properties of Volara® Foam

	2pcf	4pcf	6pcf
<b>Compression Strength / (ASTM D3575)</b>			
(lb/sq-in) at 25% compression	4	6	8
(lb/sq-in) at 25% compression	12	17	21
<b>Tensile Strength / (ASTM D3575)</b>			
(lb/sq-in) Machine Direction	65	146	230
(lb/sq-in) Cross-Machine Direction	40	102	162
<b>Tensile Elongation / (ASTM D3575)</b>			
(%) Machine Direction	224	324	331
(%) Cross-Machine Direction	220	358	375
<b>Tear Resistance / (ASTM D3575)</b>			
(%) Machine Direction	8	18	27
(%) Cross-Machine Direction	10	21	33
<b>Compression Set / (ASTM D3575)</b>			
(%) Original Thickness	24	12	6
<b>Shore Hardness / (ASTM D2240)</b>			
A Scale	0	11	17
OO Scale	39	54	59
<b>Thermal Stability</b>			
24 Hour Test at 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

# Volara® 4EO and 2EO Cushioning Foam In Stock Ready to Ship

thyssenkrupp Engineered Plastics maintains stock of Volara® 4EO and Volara® 2EO White in the following dimensions:

### Sizes and Availability

Rolls	Thicknesses
50 ft	1/8 in
100 ft.	3/16 in
Full Rolls	1/4 in

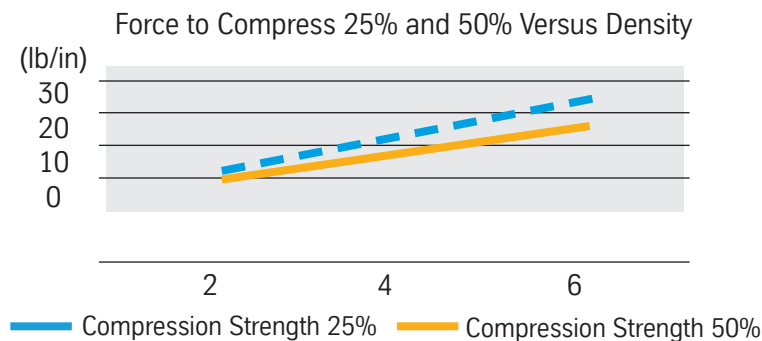
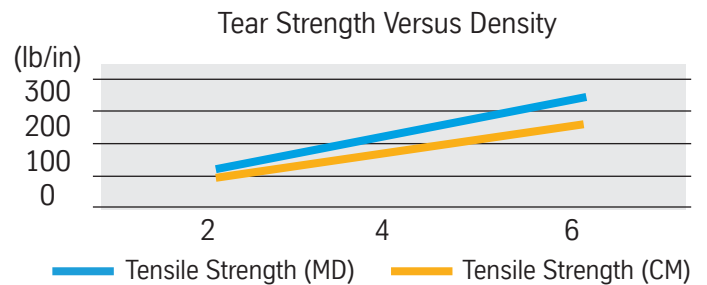
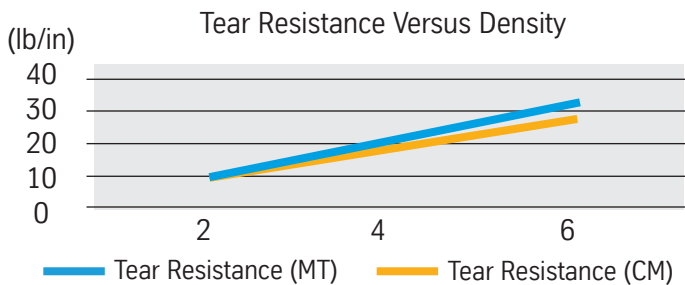
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## Manufacturer Test Results of Volara® EO Foam



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