

VOLARA TYPE TS

PRODUCT DEFINITION

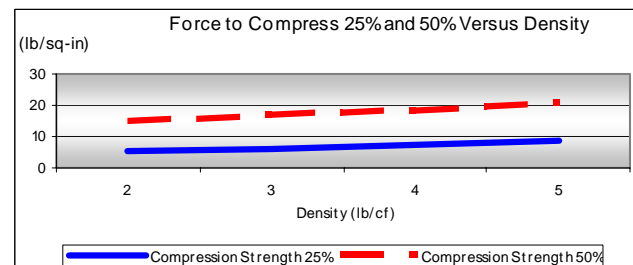
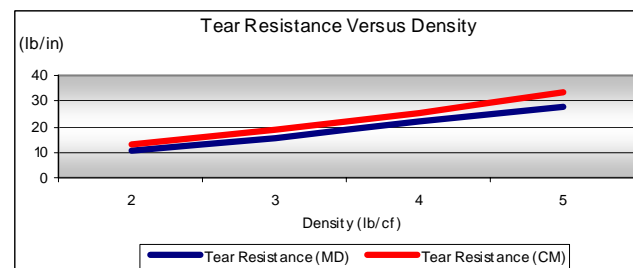
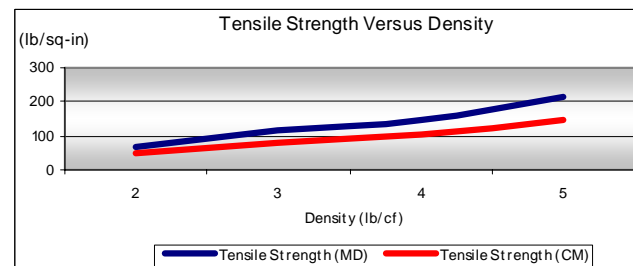
Volara type TS is specially formulated for the industrial tape and gasket markets. This material is a polyblend of two resin types, combined to provide the conformability, compression strength and toughness required to meet the demands of the mounting and assembly tape industries. Type TS makes an ideal foam tape substrate as the composition was engineered to improve adhesive anchorage. Type TS is not approved for medical or food contact applications.

PRODUCT CHARACTERISTICS

- Improved adhesive anchorage
- Premium industrial tape substrate
- Excellent chemical resistance
- Ideally suited for industrial applications

PRODUCT FORM

- Produced in roll form up to 1500 lineal feet
- Density range: 2pcf to 6pcf
- Thickness range: 0.031" to 0.375"
- Width range to 61"
- Standard colors are natural-white and black
- Custom colors are available



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Typical Properties of Volara Type TS

	2 pcf	3 pcf	4 pcf	5 pcf
Compression Strength / (ASTM D3575)				
(lb / sq-in) @ 25% compression	5	6	7	8
(lb / sq-in) @ 50% compression	15	17	18	20
Tensile Strength / (ASTM D3575)				
(lb / sq-in) Machine Direction	66	114	145	213
(lb / sq-in) Cross-Machine Direction	47	81	105	146
Tensile Elongation / (ASTM D3575)				
(%) Machine Direction	251	269	339	355
(%) Cross-Machine Direction	229	272	308	328
Tear Resistance / (ASTM D3575)				
(lb / in) Machine Direction	11	16	22	28
(lb / in) Cross-Machine Direction	13	19	25	33
Compression Set / (ASTM D3575)				
% Original Thickness	27	15	16	7
Shore Hardness / (ASTM D2240)				
A Scale	6	8	12	15
OO Scale	50	52	56	60
Thermal Stability				
24 Hour Test @ 158° F				
AVE MD%	-1.9	-1.6	-1.3	-1.2
AVE CD% % Change	-1.1	-1.2	-1.2	-1.3
AVE TH%	-2.1	2.5	3.4	3.5

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.