


# Technical Data

# Volara<sup>®</sup> 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.

 HEAT STABILITY UP TO  
**215°F**

 ROLL FORM UP TO  
**1500ft.**

 **CUSTOM**  
COLORS AVAILABLE

### 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: 2pcf to 6pcf
  - Thickness range: 0.031" to 0.375"
  - Width range to 61"

### PRODUCT COLORS

- Standard colors are natural-white and black
- Custom colors are available on request

## APPLICATIONS



Transportation Industry



General Industrial



Industrial Tape



Recreation & Leisure



Packaging Dunnage



Aviation & Aerospace



Medical Tape & Healthcare

## Michigan Location

Sekisui Voltek, LLC  
17 Allen Avenue  
Coldwater, MI 49036

www.SekisuiVoltek.com  
Tel: (800) 544-2254  
Fax: (517) 279-8562

Fine-celled, Irradiation cross-linked, Polyolefin Foam

# Volara® TS

TYPICAL PROPERTIES OF VOLARA TS		
	2pcf	4pcf
Compression Strength / (ASTM D3575)		
(lb / sq-in) @ 25% compression	5	7
(lb / sq-in) @ 50% compression	15	18
Tensile Strength / (ASTM D3575)		
(lb / sq-in) Machine Direction	66	145
(lb / sq-in) Cross-Machine Direction	47	105
Tensile Elongation / (ASTM D3575)		
(%) Machine Direction	251	339
(%) Cross-Machine Direction	229	308
Tear Resistance / (ASTM D3575)		
(lb / in) Machine Direction	11	22
(lb / in) Cross-Machine Direction	13	25
Compression Set / (ASTM D3575)		
% Original Thickness	27	16
Shore Hardness / (ASTM D2240)		
A Scale	6	12
OO Scale	50	56
Thermal Stability		
AVE MD%	-1.9	-1.3
AVE CD% Change	-1.1	-1.2
AVE TH%	-2.1	3.4

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

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