SEKISUI | VOLTEK

Technical Data

Volara® Type G

PRODUCT DEFINITION

Volara type G foams are the most flexible, most conformable and softest to the touch offered by Sekisui Voltek. These products are also tough. Compared with other Volara foams at comparable density, type G foams offer higher tensile strength and greater elongation to break.

Type G foams get their flexibility and toughness from high VA content EVA copolymer they are made from. Applications for type G materials range from surgical drapes to high performance industrial mounting tapes.

HEAT STABILITY UP TO 180° F

ROLL FORM UP TO 3000ft.

CUSTOM COLORS AVAILABLE

PRODUCT CHARACTERISTICS

- Most conformable/softest Volara
- Premium medical and industrial tape substrate
- Maximum xibility
- Excellent thermal insulation
- Increased strength and toughness

PRODUCT FORM

Produced in roll form up to 3000 lineal feet

- Density: 2pcf to 6pcf
- Thickness range: 0.020" to 0.375"
- Width range to 82"

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

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SEKISUI | VOLTEK PHYSICALLY CROSSLINKED SEKISUI TECHNOLOGY

Fine-celled, Irradiation cross-linked, Polyolefin Foam

Volara® G

TYPICAL PROPERTIES OF **VOLARA G**		
	2pcf	6pcf
Compression Strength / (ASTM D3575)		
(lb / sq-in) @ 25% compression	4	6
(lb / sq-in) @ 50% compression	13	18
Tensile Strength / (ASTM D3575)		
(lb / sq-in) Machine Direction	85	277
(lb / sq-in) Cross-Machine Direction	48	193
Tensile Elongation / (ASTM D3575)		
(%) Machine Direction	266	388
(%) Cross-Machine Direction	245	416
Tear Resistance / (ASTM D3575)		
(lb / in) Machine Direction	9	31
(lb / in) Cross-Machine Direction	11	35
Compression Set / (ASTM D3575)		
% Original Thickness	27	7
Shore Hardness / (ASTM D2240)		
A Scale	0	11
OO Scale	39	14
Thermal Stability (ASTM D3575)		
AVE MD%	-3.5	-2.1
AVE CD% Change	-2.1	-1.3

February, 2016

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.

SEKISUI | VOLTEK PHYSICALLY CROSSLINKED SEKISUI TECHNOLOGY