Technical Data
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.

HEAT STABILITY UP TO
180°F

ROLL FORM UP TO
3000ft.

C CUSTOM COLORS AVAILABLE

PRODUCT CHARACTERISTICS

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

PRODUCT FORM

Produced in roll form up to 3000 lineal feet
- Density: 2pcf to 6pcf
- Thickness range: 0.031" 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

Sekisui Voltek, LLC
17 Allen Avenue
Coldwater, MI 49036

SEKISUI Voltek **PHYSICALLY CROSSLINKED** SEKISUI TECHNOLOGY

Fine-celled, Irradiation cross-linked, Polyolefin Foam
Volara® EO

SECON rubber and plastics, inc.

AUTHORIZED AC CONVERTER

📞: 618-282-7700
✉: sales@seconrubber.com
✈: www.seconrubber.com

TYPICAL PROPERTIES OF VOLARA EO

	2pcf	6pcf
Compression Strength / (ASTM D3575)		
(lb / sq-in) @ 25% compression	4	8
(lb / sq-in) @ 50% compression	13	20
Tensile Strength / (ASTM D3575)		
(lb / sq-in) Machine Direction	70	262
(lb / sq-in) Cross-Machine Direction	48	185
Tensile Elongation / (ASTM D3575)		
(%) Machine Direction	273	371
(%) Cross-Machine Direction	287	393
Tear Resistance / (ASTM D3575)		
(lb / in) Machine Direction	9	29
(lb / in) Cross-Machine Direction	11	34
Compression Set / (ASTM D3575)		
% Original Thickness	24	6
Shore Hardness / (ASTM D2240)		
A Scale	0	17
OO Scale	39	59
Thermal Stability		
AVE MD%	-0.8	-0.8
AVE CD% Change	-0.4	-0.4

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