

# Volta Dimensional Flex Sheet

# Technical Sheet

What is VoltaFlex™? VoltaFlex is a decorated thermoplastic panel available in sheet form. The decorative surface is fused to its substrate utilizing several proprietary techniques that create a laminate suitable for its intended use.

## Advantages of VoltaFlex

- Ease of “on the job” fabrication
- High Quality appearance
- Low cost
- Clear protective film which does not have to be removed until final fabrication is completed.
- Ability to be bent and/or die cut to almost any shape needed.
- Wide color range to meet designers’ specification
- Designers and architects are interested because of the material’s unique appearance

## Testing & Technical Information

### NEMA Stain Test

<u>Item</u>	<u>Results</u>
Steel Wool	Pass
24 Hr Bleach	Pass
24 Hr Ammonia	Pass
Vinegar	Pass
Old English	Pass
Red Food Coloring	Pass
Lipstick	Pass
Tea	Pass
Olive Oil	Pass
Windex® Surface	Pass
Formula 409®	Pass
Scotch-Brite® w/Soap	Pass
Sponge w/Bleach	Pass
Sponge w/Windex®	Pass
Pine-Sol®	Slight Effect
Isopropyl Alcohol	Slight Effect

### Abrasion Resistance

<u>Item</u>	<u>Results</u>
Taber	CS10/1,000 gr. 400
Falling Sand	5 liters
Number 3 Steel Wool	60 double rubs
Hoffman Scratch Test	700 gr.

### Technical Information

<u>Technical Information</u>	<u>Results</u>
Fire Retardant ASTM E-84	Class 1
QUV	Pending
Solvent Resistance	50 MEK
ASTM D4752	
Humidity	12 hrs 96-100%RH @ 40 degrees C on MDF
MEK Double Rubs/Crockmeter	Withstands 70 cycles
Garner Impact Resistance Test ASTM D5420	>2 inch lbs per of thickness



Dover, Ohio 44622 800-377-1221

[www.marlite.com](http://www.marlite.com) • [info@marlite.com](mailto:info@marlite.com)