

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

Item	Results
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

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

Technical Information

Technical Information	Results
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