

## Goff's 18 oz & 40 mil PVC Vinyl Product Properties

Coated Vinyl – Not – “Laminated”

Characteristic	Test Method	Goff's Curtain Wall
<i>Opaque, reinforced 18 oz vinyl portions:</i>		
Weight	ASTM-D-3776	18 oz. per Square Yd.
Finish		Matte
Thread Count		18 x 18 polyester
Denier		1000 x 1000
Tensile Strength	ASTM-D-5034(Grab)	505 x 435 LBS LBS./IN
Tear Strength	ASTM-D-2261 (Tongue)	115 x 105 LBS
Adhesion	ASTM-D-751 (Peel)	22 LBS./2”LBS
Fire Retardancy (1)	NFPA-701 (Test 1 – Small Scale)	Pass
Fire Retardancy (2)	NFPA-701 (Test 2 – Large Scale)	Pass
Fire Retardancy (3)	California State Fire Marshal	Pass
Mildew Additive		Yes
UV Stabilization		Yes
Heat Resistance (1)		176 Degrees (Continuous)
Heat Resistance (2)		200 Degrees (Intermittent)
Cold Crack Rating		-30 Degrees Fahrenheit
<i>Clear, double polished 40 mil PVC window portion:</i>		
Weight	FS 5040	40 mil.
Finish		Double Polished
Tensile Strength	ASTM D412	2400 PSI
Ultimate Elongation	ASTM D412	350%
Graves Tear	ASTM D1004	440
100% Modulus	ASTM D412	1400 PSI
Stiffness (-20 F)		44,000 PSI
Brittleness Temp	ASTM D746	-33 F
Operating Temp		0 – 150 F
Specific Gravity	ASTM D792	1.21
Density	C-177	75 lbs. cu. ft.
Thermal Conductivity (K)	C-177	.73
Thermal Resistance (R)	C-177	1.37
UV Resistance		Yes
Flame Retardancy		California State Fire Marshal

- Results above reflect typical performance characteristics of the product listed.
- This document should not be used as certification to any specification.

