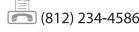


## .014" Translucent Vinyl FR Yellow, Orange, Blue, Shade 8

	MATERIAL DES	CRIPTIC	N	
	% Tran		smittance	
Specimen Code	UV	VIS	NIR	SOLAR
14 Mil Yellow Vinyl FR	0.0	53.2	88.5	67.7
14 Mil Orange Vinyl FR	0.0	36.3	82.6	57.0
14 Mil Blue Vinyl FR	4.5	10.4	56.9	32.7
14 Mil Shade 8 Vinyl FR	0.0	1.5	21.9	11.4
PROPERTY	TOLERANCE		TEST METHOD	
GENERAL				
Film Thickness	14 mil +/- 1 mil		USA WI-792	
Film Width	Ordered width, +/- 1/4"		USA WI-793	
Length	Ordered -0 yard		USA WI-1218	
OPTICAL				
Clarity				
Haze			ASTM D-1003	
PHYSICAL				
100% Modulus MD	1000 PSI Minimum		ASTM D-882	
100% Modulus TD	1000 PSI Minimum		ASTM D-882	
Elongation MD	150% Minimum		ASTM D-882	
Elongation TD	150% Minimum		ASTM D-882	
QC TERMS				
Air Marks	3 small, 1 medium per sq. yd.		USA WI-1201	
Contamination	20 small, 5 medium per square yard		USA WI-1204	
Pock Marks	no more than 1" on edges only		Visual Check	
THERMAL & FIRE TEST				
Fire Test	Pass		CFSM Lar	ge Scale









## .014" Translucent Vinyl FR Yellow, Orange, Blue, Shade 8

## **OBSERVATIONS, DEVIATIONS, AND WAIVERS**

The disparity at 400nm, 560nm, and 2300nm in the spectral transmittance charts is attributed to normal pen response coupled with an automatic filter change in the Beckman 5240 Spectrophotometer. The disparity at 720nm between the VIS and NIR spectral charts is attributed to normal pen response coupled with a detector change in the Beckman 5240 spectrophotometer. These disparities generally occur only in regions of change in percent transmittance.

With all test methods, there typically is a level of uncertainty for the test data due to the acceptable operating tolerances of the instrumentation and variation caused by the test method. The estimated tolerances are expected to be less than plus or minus 2% for most materials tested to ASTM E903.

The information contained herein is to the best of our knowledge and belief, accurate and reliable. No representation, warranty (express or implies) or guarantee is made concerning this information. Steel Guard Safety shall not be liable for any loss, damage or injury that may occur from the use of this information.

