

May 1, 2019

**ASTM E-84 Testing for Window Films**

Eastman Performance Films, LLC has performed ASTM E-84 testing at independent testing labs for each of the various types of window films we supply: metalized, low-e, dyed/metal, dual-reflective, and safety/security films up to 13mils thick. This includes testing of both common types of adhesive systems we utilize in architectural window films: CDF and Pressure Sensitive (PS).

All testing performed (over the past 20+ years) demonstrates that our window films, when applied to glass, have low flame-spread and low smoke-development numbers when tested to ASTM E-84.

All results are well below the limits for ASTM E-84 Class A Rating (Flame Spread less than 25 and Smoke Developed less than 450).

<b>Film</b>	<b>Film Type</b>	<b>Adhesive Type</b>	<b>Flame Spread*</b>	<b>Smoke Developed*</b>
SCL SR PS4	Clear Safety	PS	0	25
SCL SR PS7	Clear Safety	PS	0	35
SCL SR PS8	Clear Safety	PS	0	25
SCL SR PS13	Clear Safety	PS	0	75
R20 SR CDF	Metalized	CDF	0	10
R15G SR CDF	Dyed/Metal	CDF	0	10
V28 SR CDF	Dual Reflective	CDF	0	5
E1220 SR CDF	Low-e	CDF	0	10
VE35 SR CDF	Low-e	CDF	0	5

\*tested to ASTM E-84

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