

Solar Gard® Solar Control and Safety & Security Window Films

# 8 Mil Silver 20



## Performance Results

4mm    4/12/4 mm

### Visible Light

TR (%)	Transmittance	14	14
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### Solar Energy

TR (%)	Transmittance	10	9
IR (%)	IR Rejection 780 to 2500 nm	95	-
UV (%)	UV blocked @300 to 380 nm	>99	>99
G	Solar Heat Gain Coefficient (G-value)	0,21	0,31
TSER (%)	Total Solar Energy Rejected	79	69
SHGR (%)	Solar Heat Gain Reduction	75	58
Tdw (%)	Fade Control UV Tdw-ISO @300 to 700 nm	13	12
FR (%)	Fade Reduction Factor	85	84

## Physical Properties

Tnom/T(μm)	Thickness Nominal / Overall	200/250
TS- kg/cm <sup>2</sup>	Tensile strength	2,11
ELONG	Elongation	>100%
PEEL-g/cm	Peel Strength	>985
YIELD-kg/cm <sup>2</sup>	Yield Strength (at 5%)	21,6
BREAK-kg/cm	Break Strength	44
TEAR-kg	Tear Strength (Graves)	6
PUNC-kg	Puncture Strength	60

**Safety Testing** (For details on safety testing and test reports, consult [www.solargard.com](http://www.solargard.com) or contact your local authorized dealer/distributor.)

EN 12600	Human Impact	1B1
EN 356	Resistance to Manual Attack	Y
ISO 16933, GSA or ASTM	Bomb Blast Resistance	Y