

Overview:

RJ SF glass is very similar in appearance to Solite pattern glass which is no longer being manufactured. RJ SF is an extra clear glass formed with a diamond pattern on one face and a smooth pattern on the other face. This ensures the highest energy transmission over the whole solar spectrum.

Features & Benefits

- Stipple effect provides some obscurity while retaining high transmission values.
- Low iron optically clear glass offering maximum transmission and minimal absorption.
- Does not yellow over time, retains optical clarity.
- Cover glass for photovoltaic modules(crystalline or CIGS)
- Used in lighting for soft focus effect

Physical and Optical Properties

Stock Sizes	84" x 65"
Glass Thickness	3.2mm - 4.0mm

Modulus of Elasticity	10.4 x 10 ⁶ psi	72 GPa
Modulus of Rigidity	6.5 x 10 ⁶ psi	45 GPa
Poisson ratio	0.2	0.2
Refractive Index	1.44	1.44
Density	156lb/ft ³	2500 kg/m ³
Knoop	470	470
Specific heat	0.159 BTU/lbm °F	720 J/kg/K
Coefficient of Linear Expansion	9	9
Thermal Conductivity	--	1 W/m/K
Hardness	6	6
Softening Point	1319°F	715°C
Annealing Point	1018°F	548°C
Strain Point	952°F	511°C
Emissivity	0.84	0.84

Performance Data

Transmittance vs. Wavelength

RJ - SF

