

# Silver Films

High-Efficiency Films  
for Commercial  
Applications

<b>Optical and Solar Properties:</b>	<b>Silver 20</b>	<b>Silver 35</b>	<b>Silver 50</b>	<b>Silver Bronze 15</b>
Visible Light Transmitted	18%	34%	50%	18%
Visible Light Reflected, interior	62%	41%	23%	40%
Visible Light Reflected, exterior	61%	42%	24%	15%
Ultra Violet Block	99%	99%	98%	99%
Total Solar Energy Reflected	55%	39%	24%	28%
Total Solar Energy Transmitted	13%	25%	39%	18%
Total Solar Energy Absorbed	32%	36%	37%	54%
Glare Reduction	80%	63%	44%	80%
Shading Coefficient	0.25	0.40	0.59	0.41
Solar Heat Gain Coefficient-G-value	0.22	0.35	0.50	0.35
U-Value (Winter)	0.97	0.98	1.03	1.00
Emissivity	0.71	0.72	0.81	0.76
Total Solar Energy Rejected	78%	65%	50%	65%
Item Number	R06922W	R06934W	R05850S	R05801S
<b>Optical and Solar Properties:</b>	<b>Silver Matte 20</b>	<b>4 mil Silver 20</b>	<b>9 mil Silver 20</b>	<b>12 mil Silver 20</b>
Visible Light Transmitted	19%	19%	20%	18%
Visible Light Reflected, interior	55%	61%	61%	62%
Visible Light Reflected, exterior	56%	60%	57%	61%
Ultra Violet Block	99%	99%	99%	99%
Total Solar Energy Reflected	50%	53%	50%	53%
Total Solar Energy Transmitted	14%	14%	15%	13%
Total Solar Energy Absorbed	36%	33%	35%	34%
Glare Reduction	79%	79%	78%	81%
Shading Coefficient	0.29	0.27	0.30	0.27
Solar Heat Gain Coefficient-G-value	0.25	0.23	0.25	0.23
U-Value (Winter)	0.99	0.99	1.08	1.06
Emissivity	0.73	0.74	0.91	0.88
Total Solar Energy Rejected	75%	77%	75%	77%
Item Number	R06920	R12122T	R24603T	R32122T

*Performance results are calculated on 3mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.*

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