

FlexiShield Window Film Specifications

01/2022

FS Series: 1,5mil 2ply – Spectrum-selective / Nano-ceramic (FS 70 – 3,0mil – Multi-layer Spectrum-selective precious metal). Life-time warranty.

FS	FS70	FS 50	FS 40	FS 30	FS 20	FS 10
Thickness	3.0mil	1.5mil	1.5mil	1.5mil	1.5mil	1.5mil
Visible Light Transmission	72%	52%	42%	31%	23%	12%
Visible Light Reflection Ext./Int.	9%/9%	6%/6%	6%/6%	6%/6%	5%/5%	5%/5%
Infra-Red Rejection	96%	88%	90%	90%	90%	90%
UV Rejection	99%	99%	99%	99%	99%	99%
Glare Reduction	26%	40%	52%	63%	83%	93%
Total Solar Energy Rejection	56%	51%	54%	58%	65%	69%

GT Series: 1,5mil 2ply – Multi-layer Sputtering – Metallic / Ceramic. Life-time warranty.

GT	GT 80	GT 50	GT 40	GT 30	GT 20	GT 10	GT 05
Thickness	2.0mil	1.5mil	1.5mil	1.5mil	1.5mil	1.5mil	1.5mil
Visible Light Transmission	78%	50%	41%	31%	21%	12%	6%
Visible Light Reflection Ext./Int.	6%/6%	6%/6%	6%/6%	6%/6%	6%/6%	5%/6%	5%/5%
Infra-Red Rejection	80%	76%	76%	74%	74%	77%	75%
UV Rejection	99%	99%	99%	99%	99%	99%	99%
Glare Reduction	21%	41%	52%	63%	71%	87%	93%
Total Solar Energy Rejection	46%	48%	51%	55%	58%	63%	66%

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1/2020

CH Series: 1,5mil 2ply – Sputtering Metal and Non-Fading Color Stable. Life-time warranty.

CH	CH 80	CH 50	CH 40	CH 35	CH 30	CH 20	CH 15	CH 05
Thickness	1.5mil	1.5mil	1.5mil	1.5mil	1.5mil	1.5mil	1.5mil	1.5mil
Visible Light Transmission	78%	53%	43%	36%	31%	22%	16%	5%
Visible Light Reflection Ext./Int.	6%/6%	8%/7%	8%/7%	8%/8%	7%/7%	7%/6%	6%/6%	6%/6%
Infra-Red Rejection	60%	50%	50%	52%	52%	56%	53%	55%
UV Rejection	99%	99%	99%	99%	99%	99%	99%	99%
Glare Reduction	22%	41%	49%	59%	62%	70%	83%	94%
Total Solar Energy Rejection	43%	43%	47%	49%	53%	56%	58%	60%

PR Series: 1,0mil 1ply – Non-fading Color Stable Dip Dyed. Life-time warranty.
 [PR series is produced to order, not in permanent stock].

PR	PR 70	PR 50	PR 40	PR 35	PR 30	PR 20	PR 15	PR 07
Thickness	1.0mil	1.0mil	1.0mil	1.0mil	1.0mil	1.0mil	1.0mil	1.0mil
Visible Light Transmission	70%	50%	42%	37%	32%	23%	15%	7%
Visible Light Reflection Ext./Int.	6%/6%	6%/6%	6%/6%	6%/6%	6%/6%	6%/6%	5%/7%	5%/7%
Infra-Red Rejection	35%	30%	31%	31%	32%	33%	32%	31%
UV Rejection	99%	99%	99%	99%	99%	99%	99%	99%
Glare Reduction	29%	33%	51%	56%	64%	71%	79%	82%
Total Solar Energy Rejection	32%	30%	34%	36%	38%	40%	42%	45%