



Non-Metalized Non-Reflective

Dyed, non-metalized window films that offers privacy, UV protection, and heat control.

Classic Pro Black™

clas•sic | klās'ĭk | serving as the established model or standard

	Light Transmission	Visible Light Reflectance Interior	Visible Light Reflectance Exterior	Construction Thickness	Solar Energy Rejected	U/V Rejected
5	5%	5%	5%	1.5 M	45%	99%
15	13%	5%	5%	1.5 M	42%	99%
20	22%	5%	5%	1.5 M	39%	99%
35	35%	5%	5%	1.5 M	38%	99%
50	51%	5%	5%	1.5 M	34%	99%

Classic Pro Charcoal™

5	5%	5%	5%	1.5 M	45%	99%
15	13%	5%	5%	1.5 M	42%	99%
20	22%	5%	5%	1.5 M	39%	99%
35	35%	5%	5%	1.5 M	38%	99%
50	51%	5%	5%	1.5 M	34%	99%

Retro Black™

ret•ro | rĕt'rō | reviving of things past

5	5%	5%	5%	1.5 M	45%	99%
15	13%	5%	5%	1.5 M	42%	99%
20	22%	5%	5%	1.5 M	39%	99%
35	35%	5%	5%	1.5 M	38%	99%
50	51%	5%	5%	1.5 M	34%	99%

Retro Charcoal™

5	5%	5%	5%	1.5 M	45%	99%
15	18%	5%	5%	1.5 M	41%	99%
20	22%	5%	5%	1.5 M	39%	99%
35	35%	5%	5%	1.5 M	35%	99%
40	43%	5%	5%	1.5 M	33%	99%
50	52%	5%	5%	1.5 M	30%	99%

Excel™

ex•cel | ĭk-sĕl' | to do better than, to surpass.

5	7%	5%	5%	1.5 M	48%	99%
15	16%	5%	5%	1.5 M	44%	99%
20	22%	5%	5%	1.5 M	40%	99%
30	30%	5%	5%	1.5 M	38%	99%
35	35%	5%	5%	1.5 M	37%	99%
45	43%	5%	5%	1.5 M	36%	99%
50	50%	5%	5%	1.5 M	35%	99%
60	61%	5%	5%	1.5 M	29%	99%
70	68%	5%	5%	1.5 M	25%	99%
88	88%	5%	5%	1.5 M	20%	99%

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Important: All tested materials were applied on a ¼" clear glass surface in accordance with industry standard tests. The intended purpose of the data provided is for comparison purposes only.

We set the standard.

American Standard Window Film has set the standard for the profession. All products feature 99% U/V rejection, an ultra durable hard coat, manufactured in the latest state of the art facility in Las Vegas, Nevada. And, a factory backed warranty.

Non-Metalized IR-Performance (IRP)

ASWF's exclusive IRP family films utilizes a state of the art nano-ceramic technology offering superior heat rejection.

Retro IRP™

ret•ro | rĕt'rō | reviving of things past

	Light Transmission	IR 7.8-2.5	IR 0.9-1.0	Visible Light Reflectance Interior	Visible Light Reflectance Exterior	Construction Thickness	Solar Energy Rejected	U/V Rejected
5	5%	83%	77%	5%	5%	2.0 M	63%	99%
15	13%	83%	78%	5%	5%	2.0 M	62%	99%
20	20%	83%	78%	5%	5%	2.0 M	60%	99%
35	37%	83%	78%	6%	6%	2.0 M	54%	99%
50	45%	83%	78%	6%	6%	2.0 M	53%	99%
70	76%	83%	78%	7%	7%	2.0 M	43%	99%

Excel IRP™

ex•cel | ĭk-sĕl' | to do better than, to surpass.

5	5%	84%	78%	5%	5%	2.0 M	63%	99%
15	17%	84%	78%	5%	5%	1.5 M	64%	99%
25	26%	84%	78%	5%	5%	1.5 M	60%	99%
35	35%	84%	78%	5%	5%	1.5 M	55%	99%
45	45%	84%	78%	6%	6%	1.5 M	54%	99%
70	76%	84%	78%	7%	7%	1.5 M	44%	99%

Dimension IRP™

di•men•sion | dī-mĕn'shən | a measure of spacial extent

5	4%	96%	92%	5%	5%	3.0 M	68%	99%
15	16%	96%	92%	5%	5%	2.5 M	66%	99%
25	24%	96%	92%	5%	5%	2.5 M	64%	99%
40	40%	96%	92%	6%	6%	2.5 M	58%	99%
70	69%	96%	92%	7%	7%	2.0 M	52%	99%

Sputtered High-Performance

Multi-stack precious metal sputtering technology offering the most advanced sputtered material available to the window film industry.

Dimension™

di•men•sion | dī-mĕn'shən | a measure of spacial extent

	Light Transmission	IR 7.8-2.5	IR 0.9-1.0	Visible Light Reflectance Interior	Visible Light Reflectance Exterior	Construction Thickness	Solar Energy Rejected	U/V Rejected
DX40	40%	86%	86%	5%	7%	2.5M	64%	99%
DX70	70%	85%	95%	8%	10%	2.0M	59%	99%
DHR45	39%	75%	88%	9%	6%	1.5M	58%	99%
DHR75	73%	75%	88%	11%	13%	1.5M	52%	99%

High-Performance

A dyed, metalized window film with a non-reflective aesthetic that reflects solar heat.

Impulse™

im•pulse | ĭm'pŭls' | an impelling action or force, driving onward.

	Light Transmission	Visible Light Reflectance Interior	Visible Light Reflectance Exterior	Construction Thickness	Solar Energy Rejected	U/V Rejected
5	5%	8%	6%	1.5 M	55%	99%
15	16%	11%	8%	1.5 M	52%	99%
20	20%	11%	8%	1.5 M	51%	99%
30	29%	11%	8%	1.5 M	46%	99%
35	38%	11%	8%	1.5 M	44%	99%
50	50%	11%	8%	1.5 M	39%	99%

Performer™

per•form•er | pĕr-fŏr'mĕr | something that takes action from the requirements, to fulfill.

	Light Transmission	Visible Light Reflectance Interior	Visible Light Reflectance Exterior	Construction Thickness	Solar Energy Rejected	U/V Rejected
3	4%	9%	6%	1.5 M	66%	99%
5	6%	8%	6%	1.5 M	54%	99%
15	16%	11%	8%	1.5 M	52%	99%
20	19%	11%	8%	1.5 M	51%	99%
30	30%	11%	8%	1.5 M	50%	99%
35	37%	11%	8%	1.5 M	47%	99%
50	55%	11%	8%	1.5 M	40%	99%
60	65%	11%	8%	1.5 M	35%	99%

True Ceramic

A signal friendly construction with titanium nitrite sputtered technology resulting in a moderately reflective look with improved heat rejection.

Legend™

leg•end | lĕg'ĕnd | remarkable, one that inspires.

	Light Transmission	IR Rejected	Visible Light Reflectance Interior	Visible Light Reflectance Exterior	Construction Thickness	Solar Energy Rejected	U/V Rejected
15	15%	59%	7%	11%	1.5 M	61%	99%
25	23%	59%	7%	11%	1.5 M	58%	99%
40	38%	59%	10%	10%	1.5 M	55%	99%
50	52%	59%	15%	12%	1.5 M	53%	99%