



Non-Metalized Non-Reflective

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

Classic Pro Black™

clas•sic | klās'ɪk | 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 | ĩk-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.

Non-Metalized IR-Performance (IRP)

Carbon™

car•bon | kār'bən | a nonmetal which has two main forms (diamond and graphite)

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.

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

	Light Transmission	IR 78-25	IR 09-10	Visible Light Reflectance Interior	Visible Light Reflectance Exterior	Construction Thickness	Solar Energy Rejected	U/V Rejected
05	6%	76%	93%	5%	5%	1.5 M	78%	99%
15	15%	66%	84%	5%	5%	1.5 M	68%	99%
20	20%	65%	83%	5%	5%	1.5 M	66%	99%
28	27%	60%	73%	5%	5%	1.5 M	57%	99%
35	36%	60%	73%	6%	5%	1.5 M	55%	99%
40	37%	53%	66%	6%	5%	1.5 M	50%	99%
50	49%	50%	61%	6%	6%	1.5 M	44%	99%
70	69%	58%	50%	8%	8%	1.5 M	32%	99%

CarbonS™

car•bon | kār'bən | a nonmetal which has two main forms (diamond and graphite)

03	4%	37%	46%	5%	4%	1.4 M	55%	99%
05	7%	37%	46%	5%	4%	1.4 M	53%	99%
15	17%	37%	46%	5%	4%	1.4 M	49%	99%
20	22%	37%	46%	5%	5%	1.4 M	45%	99%
35	36%	37%	45%	6%	5%	1.4 M	39%	99%
40	42%	37%	45%	6%	5%	1.4 M	36%	99%
50	49%	37%	45%	6%	6%	1.4 M	35%	99%

Retro IRP™

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

5	5%	74%	72%	4%	5%	2.0 M	59%	99%
15	13%	74%	72%	5%	5%	2.0 M	58%	99%
20	20%	74%	72%	4%	5%	2.0 M	56%	99%
35	37%	74%	72%	5%	6%	2.0 M	51%	99%
50	45%	74%	72%	6%	6%	2.0 M	49%	99%
70	76%	74%	72%	7%	7%	2.0 M	43%	99%

Excel IRP™

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

5	5%	83%	82%	5%	5%	2.0 M	63%	99%
15	18%	83%	82%	5%	5%	2.0 M	60%	99%
25	26%	83%	82%	5%	5%	1.5 M	57%	99%
35	36%	83%	82%	5%	6%	1.5 M	54%	99%
45	45%	83%	82%	6%	6%	1.5 M	53%	99%
70	76%	83%	82%	7%	7%	1.5 M	44%	99%

Dimension IRP™

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

5	4%	93%	92%	5%	5%	2.0 M	68%	99%
15	17%	93%	92%	5%	5%	1.5 M	64%	99%
25	25%	93%	92%	5%	5%	1.5 M	60%	99%
40	44%	93%	92%	6%	6%	1.5 M	56%	99%
70	69%	93%	92%	7%	7%	1.5 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

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 | ĩm'pŭls' | an impelling action or force, driving onward.

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.

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%

Performer IRP™

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

5	7%	87%	94%	5%	11%	1.5M	70%	99%
15	15%	80%	89%	5%	8%	1.5M	65%	99%
30	27%	75%	83%	7%	9%	1.5M	59%	99%
35	35%	70%	78%	7%	9%	1.5M	54%	99%

True Ceramic

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

Legend™

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

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%