HP CHARCOAL 05 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	4
% VISIBLE LIGHT REFLECTANCE	6
% SOLAR TRANSMITTANCE	18
% SOLAR REFLECTANCE	22
% SOLAR ABSORBANCE	60
SHADING COEFFICIENT	0.46
EMMISIVITY	0.78
U FACTOR	1.03
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	60
% GLARE REDUCTION	96

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP CHARCOAL 10 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	10
% VISIBLE LIGHT REFLECTANCE	5
% SOLAR TRANSMITTANCE	29
% SOLAR REFLECTANCE	8
% SOLAR ABSORBANCE	63
SHADING COEFFICIENT	0.54
EMMISIVITY	0.81
U FACTOR	1.10
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	53
% GLARE REDUCTION	89

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

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HP CHARCOAL 15 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	16
% VISIBLE LIGHT REFLECTANCE	8
% SOLAR TRANSMITTANCE	19
% SOLAR REFLECTANCE	22
% SOLAR ABSORBANCE	59
SHADING COEFFICIENT	0.39
EMMISIVITY	0.78
U FACTOR	1.11
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	61
% GLARE REDUCTION	82

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP CHARCOAL 20 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	21
% VISIBLE LIGHT REFLECTANCE	10
% SOLAR TRANSMITTANCE	24
% SOLAR REFLECTANCE	23
% SOLAR ABSORBANCE	53
SHADING COEFFICIENT	0.45
EMMISIVITY	0.77
U FACTOR	1.13
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	55
% GLARE REDUCTION	76

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP CHARCOAL 30 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	28
% VISIBLE LIGHT REFLECTANCE	5
% SOLAR TRANSMITTANCE	43
% SOLAR REFLECTANCE	6
% SOLAR ABSORBANCE	51
SHADING COEFFICIENT	0,67
EMMISIVITY	0,80
U FACTOR	1,10
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	49
% GLARE REDUCTION	62

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

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HP CHARCOAL 35 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	39
% VISIBLE LIGHT REFLECTANCE	7
% SOLAR TRANSMITTANCE	43
% SOLAR REFLECTANCE	8
% SOLAR ABSORBANCE	49
SHADING COEFFICIENT	0.66
EMMISIVITY	0.84
U FACTOR	1.12
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	40
% GLARE REDUCTION	57

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP CHARCOAL 40 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	39
% VISIBLE LIGHT REFLECTANCE	7
% SOLAR TRANSMITTANCE	45
% SOLAR REFLECTANCE	7
% SOLAR ABSORBANCE	48
SHADING COEFFICIENT	0,68
EMMISIVITY	0,82
U FACTOR	1,12
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	39
% GLARE REDUCTION	50

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

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HP CHARCOAL 50 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	54
% VISIBLE LIGHT REFLECTANCE	7
% SOLAR TRANSMITTANCE	57
% SOLAR REFLECTANCE	8
% SOLAR ABSORBANCE	35
SHADING COEFFICIENT	0.77
EMMISIVITY	0.88
U FACTOR	1.15
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	37
% GLARE REDUCTION	40

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP BLUE 35 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	41
% VISIBLE LIGHT REFLECTANCE	19
% SOLAR TRANSMITTANCE	48
% SOLAR REFLECTANCE	16
% SOLAR ABSORBANCE	36
SHADING COEFFICIENT	0.70
EMMISIVITY	0.80
U FACTOR	1.10
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	30
% GLARE REDUCTION	54

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP GREEN 30 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	37
% VISIBLE LIGHT REFLECTANCE	7
% SOLAR TRANSMITTANCE	41
% SOLAR REFLECTANCE	9
% SOLAR ABSORBANCE	50
SHADING COEFFICIENT	0.63
EMMISIVITY	0.84
U FACTOR	1.12
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	37
% GLARE REDUCTION	58

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP ONYX 05 METALLIZED

THICKNESS OF FILM (MIL)	2
% VISIBLE LIGHT TRANSMITTANCE	4
% VISIBLE LIGHT REFLECTANCE	5
% SOLAR TRANSMITTANCE	32
% SOLAR REFLECTANCE	11
% SOLAR ABSORBANCE	57
SHADING COEFFICIENT	0.45
EMMISIVITY	0.78
U FACTOR	1.03
% ULTRA VIOLET TRANSMITTANCE	<1
% TOTAL SOLAR ENERGY REJECTED	52
% GLARE REDUCTION	97

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP ONYX 15 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	14
% VISIBLE LIGHT REFLECTANCE	5.20
% SOLAR TRANSMITTANCE	35
% SOLAR REFLECTANCE	11
% SOLAR ABSORBANCE	54
SHADING COEFFICIENT	0.51
EMMISIVITY	0.78
U FACTOR	1.03
% ULTRA VIOLET TRANSMITTANCE	<1
% TOTAL SOLAR ENERGY REJECTED	46
% GLARE REDUCTION	88

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

HP ONYX 35 METALLIZED

THICKNESS OF FILM (MIL)	1.5
% VISIBLE LIGHT TRANSMITTANCE	32
% VISIBLE LIGHT REFLECTANCE	5.6
% SOLAR TRANSMITTANCE	46
% SOLAR REFLECTANCE	8
% SOLAR ABSORBANCE	46
SHADING COEFFICIENT	0.65
EMMISIVITY	0.78
U FACTOR	1.03
% ULTRA VIOLET TRANSMITTANCE	<1
% TOTAL SOLAR ENERGY REJECTED	46
% GLARE REDUCTION	70

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

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R SILVER 20 INTERIOR

THICKNESS OF FILM (MIL)	2
% VISIBLE LIGHT TRANSMITTANCE	17.30
% VISIBLE LIGHT REFLECTANCE	55.30
% SOLAR TRANSMITTANCE	12.40
% SOLAR REFLECTANCE	49.20
% SOLAR ABSORBANCE	38.40
SHADING COEFFICIENT	0.26
EMMISIVITY	0.64
U FACTOR	1.01
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	74
% GLARE REDUCTION	81

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

R SILVER 35 INTERIOR

THICKNESS OF FILM (MIL)	2
% VISIBLE LIGHT TRANSMITTANCE	41.30
% VISIBLE LIGHT REFLECTANCE	28.80
% SOLAR TRANSMITTANCE	31.10
% SOLAR REFLECTANCE	49.20
% SOLAR ABSORBANCE	41.30
SHADING COEFFICIENT	0.49
EMMISIVITY	0.72
U FACTOR	1.05
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	51
% GLARE REDUCTION	55

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

SAFETY 4 MIL CLEAR

THICKNESS OF FILM (MIL)	4
% VISIBLE LIGHT TRANSMITTANCE	87
% VISIBLE LIGHT REFLECTANCE	9
% SOLAR TRANSMITTANCE	79
% SOLAR REFLECTANCE	8
% SOLAR ABSORBANCE	13
SHADING COEFFICIENT	0.96
EMMISIVITY	0.90
U FACTOR	1.12
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	2
% GLARE REDUCTION	1

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

SAFETY 7 MIL CLEAR

THICKNESS OF FILM (MIL)	7
% VISIBLE LIGHT TRANSMITTANCE	87
% VISIBLE LIGHT REFLECTANCE	10
% SOLAR TRANSMITTANCE	79
% SOLAR REFLECTANCE	8
% SOLAR ABSORBANCE	13
SHADING COEFFICIENT	0.95
EMMISIVITY	0.90
U FACTOR	1.12
% ULTRA VIOLET TRANSMITTANCE	<2
% TOTAL SOLAR ENERGY REJECTED	2
% GLARE REDUCTION	0

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

XP CHARCOAL 05 CERAMIC

THICKNESS OF FILM (MIL)	2
% VISIBLE LIGHT TRANSMITTANCE	5
% VISIBLE LIGHT REFLECTANCE	8
% SOLAR TRANSMITTANCE	10
% SOLAR REFLECTANCE	14
% SOLAR ABSORBANCE	76
SHADING COEFFICIENT	0.35
EMMISIVITY	0.76
U FACTOR	1.04
% ULTRA VIOLET TRANSMITTANCE	<1
% TOTAL SOLAR ENERGY REJECTED	69
% GLARE REDUCTION	94

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

XP CHARCOAL 20 CERAMIC

THICKNESS OF FILM (MIL)	2
% VISIBLE LIGHT TRANSMITTANCE	22
% VISIBLE LIGHT REFLECTANCE	15
% SOLAR TRANSMITTANCE	16
% SOLAR REFLECTANCE	15
% SOLAR ABSORBANCE	69
SHADING COEFFICIENT	0.41
EMMISIVITY	0.75
U FACTOR	1.06
% ULTRA VIOLET TRANSMITTANCE	<1
% TOTAL SOLAR ENERGY REJECTED	65
% GLARE REDUCTION	76

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.

XP CHARCOAL 30 CERAMIC

THICKNESS OF FILM (MIL)	2
% VISIBLE LIGHT TRANSMITTANCE	28
% VISIBLE LIGHT REFLECTANCE	11
% SOLAR TRANSMITTANCE	21
% SOLAR REFLECTANCE	12
% SOLAR ABSORBANCE	67
SHADING COEFFICIENT	0.45
EMMISIVITY	0.75
U FACTOR	1.06
% ULTRA VIOLET TRANSMITTANCE	<1
% TOTAL SOLAR ENERGY REJECTED	61
% GLARE REDUCTION	69

DEMO VERSION

Note: The performance data reported on this page was tested at DSET Lab & MATRIX Lab, USA using ASHRAE, ASTM & AIMCOL standards. All value is applied to 1/8 inch (3mm) glass. Tests are representative of actual production sample & may vary from batch to batch.