

LÜNOX SERIES

USA SPECIFICATION CHART

LÜNOX

WINDOW FILM

SPUTTER														
Product	Color	Thickness	VISIBLE LIGHT (%)			SOLAR ENERGY (%)			UV Rej.	IRR	S.C	TSER	U-Value Winter (W/m²K)	SHGC
			Trans. VLT	Refl. Int	Refl. Ext	Trans.	Absor.	Refl.						
SPUTTER														
Broco 20	Bronze	2ply2mil	16.5	48.4	44.8	8.5	37.4	54.2	99.9	95.1	0.21	83.1	5.6	0.21
Broco 35	Bronze	2ply2mil	35	30	26.2	22.1	37.3	40.6	99.9	83.2	0.44	69.5	5.6	0.28
Broco 50	Bronze	2ply2mil	50.1	20.2	17	36.2	35.4	28.4	99.9	67.9	0.54	55.6	5.7	0.4
SPUTTER														
Sputter Max 20	Grey	2ply2mil	20.4	35.8	30.7	16.5	49.2	31.4	99.9	82.9	0.32	70.9	5.9	0.34
Sputter Max 35	Grey	2ply2mil	39.3	21.2	16.1	32.5	52.2	18.2	99.9	62.8	0.5	56.1	5.9	0.49
Sputter Max 50	Grey	2ply2mil	44.6	13.9	19.7	38.4	48.4	13.2	99.9	65	0.61	56.1	5.9	0.55
SPUTTER														
Sputter Supreme 20	Neutral	2ply2mil	19.3	11.6	43.2	11.8	40.2	48	99.9	97	0.27	69.3	5.7	0.24
Sputter Supreme 35	Neutral	2ply2mil	36.3	27	43.8	19.9	31.8	48.2	99.9	95.6	0.33	62	5.7	0.29
Sputter Supreme 50	Neutral	2ply2mil	42.9	37.8	45.2	23.3	27.5	49.2	99.9	95.5	0.35	61.4	5.6	0.31
Sputter Supreme 60	Neutral	2ply2mil	61.4	15.8	18.5	33.1	42.2	24.7	99.9	95.3	0.52	55.8	5.7	0.46
NANO CERAMIC														
Product	Color	Thickness	VISIBLE LIGHT (%)			SOLAR ENERGY (%)			UV Rej.	IRR	S.C	TSER	U-Value Winter (W/m²K)	SHGC
			Trans. VLT	Refl. Int	Refl. Ext	Trans.	Absor.	Refl.						
Nano Ceramic Supreme Nano Ceramic														
CS 0595	Black	2ply2mil	5.6	5.8	5	7.5	87.5	5	99.9	97.6	0.4	90.1	6	0.38
CS 1595	Black	2ply2mil	14.6	6	6.1	11.7	82.4	5.9	99.9	98	0.45	74.6	6	0.4
CS 3095	Black	2ply2mil	31.4	6.7	9	20.9	70.6	8.5	99.9	98.4	0.5	64	6.1	0.45
CS 5595	Black	2ply2mil	54.5	10.3	10.1	30.8	60.1	9.1	99.9	95.2	0.57	57.9	6.1	0.51
CS 6595	Black	2ply2mil	65.1	8.2	8.2	34.2	59.3	6.5	99.9	97.5	0.61	56.2	6.1	0.53
Nano Ceramic Max Nano Ceramic														
CM 0590	Black	2ply2mil	4.5	5.7	5	12.6	82.5	92.9	99.9	94.7	0.46	82.5	6	0.42
CM 1590	Black	2ply2mil	10.2	5	5.6	15.1	74.1	92.3	99.9	95.6	0.49	74.1	6.1	0.43
CM 2090	Black	2ply2mil	19	5.3	5.7	20.4	68	92.8	99.9	94.3	0.51	68	6.1	0.43
CM 3590	Black	2ply2mil	35.6	5.8	5.4	26.8	63.5	93.1	99.9	94.9	0.59	63.5	6.1	0.49
CM 5090	Black	2ply2mil	55.4	7.3	7.5	36.3	56.7	92.4	99.9	95.4	0.65	56.7	6.1	0.56
CM 7090	Black	2ply2mil	73.2	9.8	8.9	42.4	51.5	92.3	99.9	94.8	0.69	51.5	6	0.59
Nano Ceramic Plus Nano Ceramic														
CP 0580	Black	2ply2mil	5.7	5.5	5.6	16.3	78.3	5.3	99.9	86	0.5	69.5	0.59	0.44
CP 1580	Black	2ply2mil	16.3	5	5.6	22.2	72.5	5.6	99.9	86	0.5	67.1	0.57	0.48
CP 3080	Black	2ply2mil	30.1	5.9	6.1	28.1	66.3	5.5	99.9	84	0.5	62.3	0.59	0.51
CP 5080	Black	2ply2mil	44.1	6.2	7	32.7	63.5	5.4	99.9	77	0.5	57	0.58	0.54

CP 7580	Black	2ply2mil	76.2	9.9	9.5	48.8	44.1	5.6	99.9	79	0.74	48	0.58	0.59
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SUPREME SILVER REFLECTIVE														
Product	Color	Thickness	VISIBLE LIGHT (%)			SOLAR ENERGY (%)			UV Rej.	IRR	S.C	TSER	U-Value Winter (W/m²K)	SHGC
			Trans. VLT	Refl. Int	Refl. Ext	Trans.	Absor.	Refl.						
SILVER 00 (Total Privacy)	Silver	2ply2mil	2.1	87.9	83.4	0.4	14.6	85	99.9	99.5	0.1	98.8	5.5	0.09
SILVER 05	Silver	2ply2mil	5.7	77.5	74.1	4.8	29.9	65.3	99.9	94	0.17	84.8	5.3	0.15
SILVER 20	Silver	2ply2mil	22.1	52.4	52.5	17.2	26.9	55.9	99.9	81	0.33	64.7	5.6	0.28
SILVER 30	Silver	2ply2mil	38.4	38.4	34.3	27.7	29	43.3	99.9	72	0.48	52.3	5.6	0.41
SILVER 50	Silver	2ply2mil	53.1	20.5	16.9	45.2	31.3	23.5	99.9	49	0.72	36.8	5.9	0.63

SAFETY FILMS														
Product	Color	Thickness	VISIBLE LIGHT (%)		SOLAR ENERGY (%)			UV Rej.	Tensile Strength	Elongation at break	180 Peeling Strength	TSER	Peel Str.	Punct. Str.
			Trans. VLT	Refl.	Trans.	Absor.	Refl.							
SAFETY 2MIL	Clear	1ply2mil	89.2	9	74.9	17	8	99.9	34100	67	>100	19	2750	1.05
SAFETY 4MIL	Clear	1ply4mil	89.1	10	73.9	18	8	99.9	34900	136	>100	21	2750	1.05
SAFETY 7MIL	Clear	1ply7mil	89.3	10	72	18	10	99.9	32260	215	>100	22	2750	1.05
SAFETY 8MIL	Clear	2ply8mil	87.6	10	77	15	8	99.9	32500	269	>100	20	2750	1.05
SAFETY 12MIL	Clear	2ply12mil	88.9	10	71	20	10	99.9	32700	370	>100	21	2750	1.05

REFLECTIVE SILVER SAFETY														
Product	Color	Thickness	VISIBLE LIGHT (%)		SOLAR ENERGY (%)			UV Rej.	Tensile Str. N/10mm	IRR @1000nm	Elong. @Break %	180 Peel Str. N/10mm	SHGC	TSER
			Trans. VLT	Refl.	Trans.	Absor.	Refl.							
SAFETY 4MIL 05	Silver	2ply4mil	5.6	74	4.5	31.9	63.4	99.9	171	94.1	109	3.6	0.13	87.2
SAFETY 4MIL 15	Silver	2ply4mil	21.8	51	16.8	37.4	45.7	99.9	170	82.9	109	3.6	0.29	73.5
SAFETY 8MIL 15	Silver	2ply8mil	23	51	17.6	36.3	46.1	99.9	297	82.9	191	2.8	0.29	73.7

DECORATIVE														
Product Name	Structure	SOLAR ENERGY (%)			VISIBLE LIGHT (%)			UVR (@370 nm)	S.C	SHGC	TSER	Glare Reduction	Emissivity	U-Value (Winter) W/m²K
		Trans.	Absor.	Refl.	Trans. VLT	Refl.	Trans.							
BLACKOUT (Total Privacy)	2ply2mil	0.3	51.8	47.9	0	4.9	13	99	0.18	0.15	85	100	0.63	1.14
WHITEOUT (Total Privacy)	2ply1.5mil	1.3	25.6	73.1	3.1	71	72	99	0.25	0.21	27	83	0.85	1.12
INTERIOR SERIES	2ply1.5mil	1.3	25.6	73.1	17	71	72	99	0.25	0.21	27	83	0.85	1.12
WHITE FROST	2ply2mil	58	11	20	38	25	22	99	0.84	0.73	27	32	0.85	1.09
SILVER MATTE	2ply2mil	19	75.6	5.3	10.3	64	5.7	5.3	0.29	0.5	84.2	55	84.1	0.88
SILVER GREY (Grey Outside)	2ply2mil	19	76.1	4.9	10	63	7	4.9	0.25	0.52	86.5	55	79.7	0.87
SILVER GREY (Grey Inside)	2ply2mil	28.5	65.9	5.6	10	57	7.6	6.2	0.25	0.59	84.8	49	58.7	0.86
SILVER BRONZE (Bronze Outside)	2ply2mil	33.5	60.4	6.1	9.1	47	8.1	7.4	0.25	0.63	85.5	47	44.1	0.86
SILVER BLUE (Blue Outside)	2ply2mil	9.4	56.32	34.28	14.9	48	37	99	0.25	0.21	79	80	0.6	0.91