CLIF DESIGNS

WINDOW FILM SPECIFICATION

Propertie & Test Method / Series & Model		Thickness / Construction	Visible Light Transmittance	Visible Light Reflectance	Ultraviolet cut off	Solar Transmittance	Solar Reflectance	Total Solar Energy Rejected (300~2100nm)	Shading Coefficient	IR cut off rate (at 950nm)	IR cut off rate (at 781~2500nm)
			KS L 2016, JIS A 5759	KS L 2016, JIS A 5759	JIS A 5759, ISO 9050	KS L 2514, JIS A 5759	KS L 2514, JIS A 5759	ISO 9050, KS L 2514	IKS L 2016, JIS A 5759	KS L 2016	KS L 2514, JIS A 5759
Iris	10	2mil / 2ply	11%	11%	99.9%	17%	13%	68%	0.41	96%	96%
	30	2mil / 2ply	29%	11%	99.9%	23%	13%	63%	0.47	96%	96%
	50	2mil / 2ply	54%	14%	99.9%	28%	10%	56%	0.56	91%	93%
	80	2mil / 2ply	79%	11%	99.9%	73%	11%	28%	0.90	82%	27%
Galaxy	10	1.5mil / 2ply	10%	5%	99.9%	18%	8%	65%	0.44	82%	89%
	15	1.5mil / 2ply	14%	6%	99.9%	19%	8%	52%	0.61	65%	52%
Bluster	5	2mil / 2ply	4%	14%	99.9%	13%	13%	71%	0.36	96%	95%
	10	2mil / 2ply	11%	14%	99.9%	16%	13%	69%	0.39	95%	94%
	30	1.5mil / 2ply	31%	14%	99.9%	20%	13%	64%	0.45	95%	94%
Function	Extreme 70	1.5mil / 2ply	71%	7%	99.9%	35%	6%	47%	0.66	87%	90%
	Extreme 80	1.5mil / 2ply	79%	8%	99.9%	49%	7%	38%	0.77	68%	78%
	Standard 10	1.5mil / 2ply	10%	5%	99.9%	18%	6%	65%	0.44	82%	89%
	Standard 20	1.5mil / 2ply	20%	5%	99.9%	19%	6%	62%	0.47	82%	89%
	Standard 35	1.5mil / 2ply	33%	5%	99.9%	26%	7%	60%	0.50	81%	89%
	Standard 50	1.5mil / 2ply	50%	5%	99.9%	31%	7%	55%	0.56	81%	89%
	Shield 10	4mil / 2ply	10%	5%	99.9%	18%	6%	65%	0.44	82%	89%
	Shield 35	4mil / 2ply	33%	5%	99.9%	26%	7%	60%	0.50	81%	89%
Lover	5	2mil / 2ply	6%	6%	99.9%	16%	6%	56%	0.55	53%	66%
	15	1.5mil / 2ply	14%	6%	99.9%	19%	6%	53%	0.60	52%	66%
	25	1.5mil / 2ply	25%	6%	99.9%	28%	6%	48%	0.65	50%	66%
	35	1.5mil / 2ply	40%	6%	99.9%	33%	6%	50%	0.62	63%	66%
	85	1.5mil / 2ply	85%	5%	99.9%	31%	6%	30%	0.87	48%	59%

Notes ;

* Performance data were obtained by the installation on the inside surface of 1/8"(3mm) thick clear glass.
* All Performance data are subject to variations within industry standards and only intended for estimating purposes
* Measurement equipment : 1) FT-IR, Spectrophotometer, Nicolet, 6700, U.S.A.
  2) UV-VIS-NIR Spectrophotometer, Perkin-Elmer, Lambda 9 & 950 , U.S.A.
* Testing Environment : Temp. (25.3± 0.5)℃ , Humidity : (46.4 ± 2.6) % R.H.
* Measuring condition (TL%) – ISO 9050, JIS A 5759 & KS L 2514 : D65/2, KS L 2016 : A/2

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