

Safety Film Specifications

Safe Plus™ SAFETY & SECURITY FILMS

FILM CODE	GAUGE (MICRONS)	FILM COLOUR	CONST. # OF PLY'S	VISIBLE LIGHT TRANS.	SOLAR ENERGY REJECT.	ANSI Z97.1 (USA)	IMPACT TESTS			SMOKE & FLAME TESTS				
							16 CFR 1201 (CAT.)	(BRITISH) BS 6206 (CLASS)	(AUS) AS 2208 (GRADE)	SMOKE GENERATED	TIME TO IGNITE (SEC)	FLAME FRONT (MAX)	RATE OF BURN (IN/SEC)	D882 BREAK (PLI)
SEC04	100	CLEAR	1	87%	19%	PASS	I	B	A	20	205	1 ft	0.1	100
SEC08	200	CLEAR	2	86%	20%	PASS	II	A	A	35	92	2 ft	0.1	200
SEC12	300	CLEAR	3	85%	22%	PASS	II	A	A	40	92	2 ft	0.1	300
S4SS20	125	SILVER	2	20%	73%	PASS	I	B	A	40	122	1.5ft	.06	125
S4DN20	125	GREY	2	19%	66%	PASS	I	B	A	40	122	1.5ft	.06	125
S4DN35	125	GREY	2	38%	54%	PASS	I	B	A	40	122	1.5ft	.06	125
S4DN50	125	GREY	2	48%	47%	PASS	I	B	A	40	122	1.5ft	.06	125
S4SB30	125	BRONZE	2	31%	67%	PASS	I	B	A	40	122	1.5ft	.06	125
S4CH35	125	CHARCOAL	2	35%	40%	PASS	I	B	A	40	122	1.5ft	.06	125
S7SS20	200	SILVER	2	20%	73%	PASS	II	A	A	40	122	1.5ft	.06	200
S7DN20	200	GREY	2	19%	66%	PASS	II	A	A	40	122	1.5ft	.06	200
S7DN35	200	GREY	2	38%	54%	PASS	II	A	A	40	122	1.5ft	.06	200
S7DN50	200	GREY	2	48%	47%	PASS	II	A	A	40	122	1.5ft	.06	200
AG04	100	CLEAR	1	87%	19%	PASS	I	B	n/a	20	205	1ft	0.1	100
AG07	200	CLEAR	1	86%	21%	PASS	II	A	n/a	20	205	1ft	0.1	175

All Johnson Safe Plus films reject 99% or more of harmful UV Rays.

In addition, all the above films (excluding AG's) meet the following specifications:

FLAME SPREAD = 5 NFPA CLASS = A UBC CLASS = 1

ASTM D-1044 HAZE CHANGE = <4.4 D3330 PEEL STRENGTH #/INCH = >5

All specification testing has been performed by independent laboratories. Solar control film was mounted on 6mm glass and calculations were accomplished using Lawrence Berkeley Lab's "Window 4.1" program utilizing NFRC and ASHRAE standards. Materials used are subject to normal manufacturing tolerances. These data are provided for informational purposes only and are not to be considered part of the basis of any bargain or transaction involving Johnson Professional Window Films Pty Ltd.

