## Sun-Gard Film Usage Recommendations

Product	Product Code	Description	Visible Light Transmitted	Solar Energy Reflected		Single Pane					Dual Pane				Inboard/Outboard		Low E				Triple Pane				Laminated					
						Clear Armented HS Tempere					Clear Annealed						Tempered		Standard		Plus or E2						Low E Transi Clear Clear Tirried Clear			Product
						1/8" - 1/4" Mono 1/8	F - 1/4" Mono 1	I/E' - 3/E' Mono	1/8" - 1/4" Mono   1	1/8" - 1/4" Mono					1-30 aq ft 30-4		1/81-1/41 IG 1/81							1/87-1/47 IG 30-40 sq ft		1/87-1/47 1G	587-547 IG	1/87-1/471G	Any Size	
Shar						t-red deglis	And the Control of the	11 1000 804 10	1100 04 0	Mar Holding III	17-do aque	above adve	POD IN IN	John Mar	roomagin som	o aqui	rear age   av	C-TO BALLET	sounds 3	and and an	100 aq n	Word and as	POD MAIN	ab-eb aq ii	roo aq n	at/40 agri	Patricipi	at/40 aqti		Shor
Sher 15	Silver 15 DA(PS) SR	Sher	15%	40%	41%	_	_	_	^	^	_	_	^	^	^	~	_	_	^ 1	Λ.	Α Τ	•	_	-			-		×	Silver 15
Sher 35	Silver 35 DA/PS) SR	Sher	30%	40%	36%	-	<del>-</del>	-	- 7	ž	-	-	Ž	<del></del>	<del> </del>	2	-	<del>'</del>	Ž	7	7	-	Ť	+ 2	- 0	- ŵ	- â	- â	- x	Silver 35
Siter 60	Siter 60 DA/PS) SR	Sher	58%	12%	43%	-	<del>-</del>	<del></del>	-	<del>-</del>	-			-		7					-	-	-		â	- û	- û	- â	- â	Silver 60
Solar Bronze	error en error og orr		5975				<u> </u>						1		<u> </u>				<u> </u>			_	_						-	Solar Bronze
	Solar Bronze 20 DA SR	Bernere	18%	42%	48%		_		_	_	7	0	0	0	0	0	7	_	0	0	0	0	0	0	-	-	×		¥	Solar Bronze 20
	Solar Bronze 35 DA SR	Bronze	37%	31%	46%	-	·	-	-	<del>-</del>	<del></del>	Ž	7	7		7				7	ŏ	ŏ	ŏ		â	- 0	- â	- x		Solar Bronze 35
Signature	and and any annual			91.0	-0.76		<u> </u>						1		<u> </u>				<u> </u>			_	_							Signature
Signature 20	Signature 20 DA (PS) SR	Grav	18%	22%	61%		_			_	_	0	0	0	0	×	_	7	0	×	0	×	¥	×		×	×	×	×	Signature 20
	Signature 35 DA (PS) SR	Gray	33%	15%	57%	-	<del>-&gt; +</del>	<del>-&gt; +</del>	<del></del>	<del></del>	<del>-</del>	ŏ	<del></del> -	ŏ		2		<del>'</del>		2	ŏ	- 2			- 0	- 0	- 2	- x	- 0	Signature 35
	Signature 60 PS SR	Gray	60%	8%	39%	-	7	-	-	-	-	7	-	7	-	7		7	7	7	7	7	7	7		×	×	×	×	Signature 60
Dual Reflective	any more out to an		6074	0.11	5574		<u> </u>					•	1		<u> </u>		<u> </u>		<u> </u>			_	_	<u> </u>						Dual Reflective
Oxforien® 5	Optivision 5 DA (PS) 5R	Note Neutral	8%	53%	37%		_			0	~		0	0	^	0	7	_	0	0	0	0	0			×	×	¥	×	Ormanos* 5
Octobrison® 15	Optivision 15 DA (PS) SR	Model Neutral	14%	47%	39%	-	-	-	-	<del>-</del>	-	-	ŏ		×	×		<del>'</del>		×	×	×	×	×	x	- û	- â	×	- x	Octobion® 15
	Optivision 15 DA (PS) SR Optivision 25 DA (PS) SR	Note Neutral	27%	22%	39% 64%	<del></del>	<del>-</del>	<del></del>	<del></del>	$\rightarrow$	-		ŏ			×		<del>-</del>		â	â	×	- â		Ŷ	- â	- â	Ŷ	- â	Optivation® 15
Ostivisos* 25 Ostivisos* 35	Optivision 25 DA (PS) SR Optivision 35 DA (PS) SR	North Neutral	38%	14%	44%		·	-		÷	-		ö			×		7		×	×	×	×	×	×	2	2	- â	- â	Octobios* 25
							<del>-</del>	<del></del>	-												-				×					
															Octovacion® 45															
Nova Nova 25	Nova 35 DA (P5) 5R	Neutral Gray	34%	60%	20%		_		_	_	_		0.1	×	0 1	×		7 1	0	0 1	0 1	0	0	-				0	0	Nova 35
Nova 50	Nova 35 DA (PS) SR Nova 50 DA (PS) SR	Neutral Gray	51%	40%	20%	<del></del>	·	<del></del>		<del>,</del>	-		- 2			2		<del>-</del>	ö	8	ö	ö	0			ö	<del></del>	ö	ä	Nova 50
Nova 70	None 70 DA (PS) SR	Neutral Gray	69%	31%	19%	<del></del>	<del>-</del>	<del></del>	<del></del>	$\rightarrow$	÷	-	-			<del>,</del> +				7	Ž	~	<del>-</del>			- ×	+	<del></del>	<del></del>	Nova 70
Ceramic Series	MONE NA PAY (3-25 IN)	return unity	6976	3176	1976					_					<u> </u>	*		*	<u> </u>	<u>,                                     </u>										
Ceranic Series	Carporic 35 05 50	Manatori	33%		56%						_	_			^	×	_	_	×	7 1	_	$\overline{}$	_				-			Ceranic Series
Ceramic 45	Ceramic 45 PS SR	Neutral	43%	20%	49%	<del>-                                    </del>	<del>-</del>	->-	ô	- x	Ž	ŏ	7		7	0		-		<del>-</del>	-	<del>-</del>	$\rightarrow$		×	- â	÷ ÷	- â	- â	Ceramic 45
Ceramic 55	Ceramic NS PS SR	Neutral	61%	17%	36%	<del></del>	<del>-</del>	-	<del>- y</del> -	-	÷	Ž	-			7				<del>-</del>	-	÷	$\rightarrow$	+->		- 2	- â		÷	Ceramic 65
Ceravic 65	Ceramic 55 PS SR Ceramic 65 PS SR	Neutral	61%	11%	30%		<del>-</del>	<del></del>	<del>-</del>	×	-		<del>-</del>	<del></del>		<del>-</del>				<del>-</del>	<del>-</del>	÷	÷	<del></del>			÷	- 0	- â	Ceramic 55 Ceramic 65
Exterior	CAPAMIC GO PO GIA	Neutra	6176	11%	80%		-			_	_					*		_	^		_	_	_	<u> </u>						Exterior
Sher 15	Silver 15 E PS SR	Exterior Sher Reflective	17%	59%	20%								7 1	7		7 1	_	7 1	7 1	7 1	7 1	_	_	_						Silver 15
Sher 35	Sher 35 E PS 58	Exterior Shar Reflective	30%	39%	35%	<del></del>	<del>-</del>	<del>-</del>	-	-	<del>-</del>	-	<del>-</del>			<del>-</del> -				<del></del>	-	$\rightarrow$	$\rightarrow$		-			-		Sher 35
	Stainless Steel 20 E PS SR	Extensor Grey	24%	24%	53%	<del>-                                    </del>	<del></del>	<del>-&gt; +</del>	<del></del>	$\rightarrow$	<del>-</del>	·	-			<del>-</del>				<del></del>	<del>-</del>	÷	$\rightarrow$		-	<del></del>	<del></del>		<del></del>	Steinless Steel 20
Stainless Steel 35	Stainless Steel 35 E PS SR	Exterior Grey	40%	14%	49%	-	<del>-</del>	-	-	$\rightarrow$	-	-	-			7				7	-	<del>-</del>	<del>-</del>		-		<del></del>	-	-	Steinless Steel 35
Graffiti Free	processes present policin pro-	Exercit Grey	47/1	1476	4974		•								•	•			<u> </u>					<u> </u>			_ ,			Graffil Free
	Graffit Pree 600 PS SR	6 mil Graffiti	83%	10%	11%		_		_	_	_				_	7 1		_	7 1	7 1	~ 1	_	$\overline{}$		_					Graffit Free 5 mil
														Clear Safety Films																
Clear 2 mil	GG 200 PS 5R	2 mil Safety	87%	8%	12%					_			~	$\overline{}$	_	7 1	_	7 1	~ -	7 1	7 1	_	_							Clear 2 mil
Clear 4 mil	GG 400 PS 5R	4 mil Safety	67%	8%	12%	<del></del>	<del></del>	-	-	<del>-</del>	<del>-</del>	-	÷	<del></del>		<del>-</del>		<del>'</del>		<del></del>	-	<del>-</del>	$\rightarrow$	+->	-	+ -		<del></del>	<del></del>	Clear 4 mil
Clear 7 mil	GG 700 PS SR	7 mi Safety	67%	8%	12%		<del></del>	$\rightarrow$	<del>-&gt; +</del>	$\rightarrow$	-	-	-	<del>-</del>		<del>-</del>		<del>-</del>		<del>-</del>	-		$\rightarrow$	<del></del>	-	<del> </del>	<del></del>			Clear 7 mil
Clear 8 mil	GG 800 PS SR	Clear & mil Multi-ply	60%	7%	12%	<del>-                                    </del>	<del>'</del>	-		<del></del>	<del>-</del>		<del>-</del>			-		7		<del></del>	-	<del>-</del>	$\rightarrow$	<del></del>		+	+ ÷	<del></del>	<del></del>	Clear 6 mil
Clear 12 mil	GG 1200 PS SR	Clear 12 ml M/8-ply	67%	8%	14%	<del></del>	<del></del>	<del>-&gt; +</del>	-	$\rightarrow$	<del>-</del>	-	<del>-</del>			<del>-</del>				<del></del>	<del>-</del>	$\rightarrow$	÷		-	<del></del>		-		Clear 12 mil
	GG 1400 PS SR	Clear 12 mi Multi-ply	67%	8%	14%	<del>-                                    </del>	<del></del>	<del></del>	<del></del>	$\rightarrow$	<del>-&gt;</del>	÷	<del>-&gt;  </del>			<del>-</del>					<del></del>	÷	$\rightarrow$			<del></del>	<del></del>			Clear 14 mil
4 MI Solar Safety	I am a contra am	remember yell			17.0	-	-	•	-	_	•	•	-	•	- 1	-				•	-	-					<u> </u>			4 MI Solar Safety
	GG 400 Sher 15 P5 5B	Situar Salaky	4894	53%	34%		7	-	0	0	_	_	0.1	0	0 1	×	_	7 1	0	0 1	0 1	×	0	×		×	×			Shar 15.4 mil
	GG 400 Silver 35 PS SR	Silver Safety	19%	28%	30%	<del>-                                    </del>	<del>-&gt; +</del>	<del>-&gt; +</del>	Ž	<del>,</del>	<del>-&gt;</del>	-	<del>- &gt;</del>			<del>2</del> +				<del></del>	- <del>-</del>	<del>-</del>	<del>-</del>		- 0	- 0	- â	- û	- û	Silver 35 4 mil
6 MI Solar Safety	ara row arms 35 PS SR	James James	44%	455	A75	-	-	-	- 1	-		•	-	•	•	<u> </u>	•	•	•	•	-	•		•				_ ^	_ ^	8 MI Solar Safety
	GG 800 Sher 15 PS SR	Silver Safety	15%	40%	41%		/		_	×	-	-	×	×	×	×	-	7	×	×	×	×	×	×		×		×	×	Siver 15 8 mil
Sher 35 8 mil	GG 800 Sher 35 PS 5R	Silver Safety	30%	40%	36%	<del>-                                    </del>	<del></del>	<del></del>	Ž	<del>,</del>	<del>-</del>		-			<del>2</del> +		<del>-</del>		<del>-                                    </del>	-	<del>-                                    </del>	<del>-</del> -	+ -	- û	- â	- â	<del>- û</del>	- â	Silver 35 8 mil
	GG 800 NG 35 PS SR	Neutral Gray Safety	40%	12%	30%		<del>-&gt; +</del>	-	<del>-                                    </del>	<del>,</del>	<del>-&gt;  </del>		<del></del>	<del></del>	0	0		<del></del>		<del>-</del>	-	÷	0	-	- x	- â	÷ ÷	- ŵ	- â	NG 35 8 ml
	GG 800 NG 45 PS 5R	Neutral Gray Safety	30%	27%	44%	<del>-                                    </del>	<del>-</del>	->-		-	0	0	Ö			×		<del>-</del>		×	×	×	×	×	â	- û	- â	- x	ŵ	NG 45 0 ml
Specialty Films			30%				-	- 1	-						-			<del></del>	~ _	-	-	-								Specialty Films
	UV Gard 250 PS SR	2.5 ml UV blocking	78%	8%	18%	_	_		_	_	_	_	~ 1	7	7	7	_	~ _	7 1	7	7 1	_	$\overline{}$	7	-					UV Gard
Front Martin 200	Front Matte 200 PS	White Mate	66%	12%	25%	-	7	-	-	-	-	-	-		7	7	7	7		7	-	-	-		-	-	-	-	-	Froat Matte
Dischout	Blackout PS	Blackout	9%	7%	92%	×	×	-	×	×	×	×	×	×		×		7		×	×	×	×	×	×	×	×	×	×	Disclout
	Whiteout PS	Whiteout	0%	37%	62%	×	×	-	- X	×	×	×	×			x				×	×	x	×		×	×	- x	- ÷		Whiteout
								Solar p	roperties are I	typical valu	es and sho	uld not be	considere	d specificat	tions Al	I solar m	easurements	performe	d on 3mm	glass.										