



1. HARD COAT

2. CLEAR POLYESTER LAYER

3. LAMINATE ADHESIVE

4. CLEAR POLYESTER LAYER

5. MOUNTING ADHESIVE

6. GLASS

TERRAFLEX™ NANO CARBON		5%	15%	20%	35%	40%	50%
Visible Light Reflected	External	4.6	4.7	4.7	5.2	5.4	5.9
	Internal	4.6	4.7	4.8	5.4	5.6	6.1
Solar Heat	Transmitted	18.9	29.3	33.7	49.1	53.0	60.9
	Reflected	4.6	4.8	4.8	5.6	5.8	6.1
	Absorbed	76.6	65.9	61.5	45.3	41.2	33
IR Rejected	900-1000nm	74	61	56	52	50	48
	780-2500nm	67	55	50	47	45	42
UV Rejected		>99	>99	>99	>99	>99	>99
Total Solar Energy (TSER)		60	54	53	50	47	37
Shading Coefficient		.52	.54	.56	.65	.67	.73
Solar Heat Gain Coefficient (SHGC)		.40	.46	.47	.50	.53	.63
Thickness		1.5Mil/2Ply	1.5Mil/2Ply	1.5Mil/2Ply	1.5Mil/2Ply	1.5Mil/2Ply	1.5Mil/2Ply

Terraflex™ is our carbon line of window film. Similar to our Panaflex™, Terraflex™ contains nano particles that gives the window film a boost in performance. In Terraflex™, the nano particles are found in the laminate adhesive layer and allows the film to block up to 60% of infrared radiation and 99.9% UV. The laminate adhesive layer contains double the glue compared to most other window films, which means a longer lasting product, while the hard coat is strong and durable.