





BENEFITS

- Mid range Visible Light Transmission, High Clarity, Competitive Total Solar Energy Rejection
- Low U-Value helps space stay warmer by retaining more heat in cooler months
- Helps reduce heating costs
- Helps reduce air conditioning costs
- Helps prolong the life and vibrancy in the fabric of furniture and carpets
- Helps reduce the chance of injury from flying glass

TECHNICAL DATA

3M™ THINSULATE™ CC40	 SINGLE PANE		 TINTED		 DOUBLE PANE		 DOUBLE TINTED	
	1/4" CLEAR	THINSULATE CC40	1/4" TINT	THINSULATE CC40	DUAL 1/4" CLEAR	THINSULATE CC40	DUAL 1/4" TINT	THINSULATE CC40
Solar Heat Gain Coefficient	0.82	0.40	0.63	0.33	0.70	0.46	0.51	0.33
Visible Light Transmitted	89%	38%	53%	23%	79%	34%	47%	20%
Visible Light Reflected Interior	9%	11%	6%	10%	15%	12%	13%	11%
Visible Light Reflected Exterior	8%	7%	6%	6%	15%	14%	8%	8%
U Value (Btu/h –ft2F)	1.03	0.626	1.03	0.626	0.47	0.35	0.47	0.35
U Value (W/m2 K)	5.8	3.55	5.8	3.55	2.7	1.96	2.7	1.96
UV Block	38%	99.7%	74.5%	99.9%	49.9%	99.8%	NA	99.9%
Total Solar Energy Rejected	19%	60%	37%	67%	30%	55%	49%	67%
Glare Reduction	NA	57%	NA	57%	NA	57%	NA	57%
Heat Loss Reduction	NA	39%	NA	39%	NA	26%	NA	26%
Solar Heat Reduction	NA	51%	NA	48%	NA	35%	NA	35%
Light to Solar Gain	1.1	0.9	0.8	0.7	1.1	0.7	0.9	0.6