# 3M™ Flat Glass Window Film – Single Pane ¼" (6mm) Clear

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14" Clear Glass 0.82 89% 19% 1.03 1.1 38% 0.94 19% NA NA NA   Prinsulate CC75 0.53 74% 15% 12% 0.63 1.4 99.9% 0.61 47% 0% 35%   Prestige 20 0.38 21% 5% 6% 1.02 0.5 99.9% 0.44 60% 55% 3% 50%   Prestige 50 0.44 50% 8% 7% 0.99 1.1 99.9% 0.54 53% 22% 3% 42%   Prestige 70 0.50 69% 9% 0.99 1.4 99.9% 0.54 53% 22% 3% 38%   Prestige 70 0.54 21% 5% 1.02 1.1 99.9% 0.54 53% 22% 3% 38%   Prestige 70 0.48 71% 7% 1.02 1.1 99.9% 0.47 5% 50% 22% 3% 60% 0% 5%   Prestige 70 0.41 36% 17% 102 1.5	E E	SHGC	VLT	Visible Reflection Exterior	Visible Reflection Interior	U Value	-SG (Light to Solar Gain)	UV Block	sc	TSER	Glare Reduction	Heat Loss Reduction	Heat Gain Reduction
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	1/4" Clear Glass	0.82	89%	8%	9%	1 03	11	38%	0.94	19%	NA	NA	NA
Prestige 20 0.38 21% 5% 6% 1.02 0.5 99.9% 0.44 62% 7% 0.99 1.0 99.9% 0.46 60% 55% 3% 50%   Prestige 50 0.44 50% 8% 8% 0.99 1.1 99.9% 0.50 56% 3% 42% 3% 42%   Prestige 20 0.47 60% 8% 0.99 1.3 99.9% 0.54 53% 32% 3% 42%   Prestige 20 Exterior 0.34 21% 5% 1.02 1.1 99.9% 0.45 65% 22% 3% 3% 42% 5% 1.02 1.1 99.9% 0.46 6% 5% 1.02 1.1 99.9% 0.46 6% 5% 1.02 1.1 99.9% 0.54 6% 6% 5% 1.02 1.1 99.9% 0.54 6% 6% 6% 5% 1.02 1.1 99.9% 0.54 6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6%													
Prestige 40 0.40 39% 7% 7% 0.99 1.0 99.9% 0.46 60% 55% 3% 60%   Prestige 60 0.44 60% 8% 0.99 1.1 99.9% 0.54 53% 32% 3% 42%   Prestige 70 0.50 63% 9% 9% 0.99 1.4 99.9% 0.54 53% 32% 3% 42%   Prestige 40 Exterior 0.34 21% 5% 5% 1.02 1.1 99.9% 0.44 61% 53% 5% 1.02 1.1 99.9% 0.44 61% 53% 60% 60% 60% 50% 21% Ceramic 30 0.44 64% 1% 1.02 1.4 99.9% 0.74 36% 1% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60% 60%													
Prestige 50 0.44 50% 8% 7% 0.99 1.1 99.9% 0.50 56% 44% 3% 46%   Prestige 60 0.47 60% 8% 8% 0.99 1.3 99.9% 0.54 55% 22% 3% 38%   Prestige 70 0.34 21% 5% 5% 1.03 0.6 99.9% 0.58 50% 22% 3% 38%   Prestige 70 0.48 1% 7% 1.02 1.1 99.9% 0.55 52% 20% 0% 41%   Prestige 70 0.44 8% 9% 9% 1.02 1.4 99.9% 0.55 52% 20% 0% 41%   Prestige 90 Exterior 0.44 8% 9% 1.02 1.4 99.9% 0.74 36% 1% 0% 21%   Ceramic 40 0.47 14% 14% 12% 10.3 1.0 99.9% 0.55 52% 63% 63%   Night Vision 15 0.28 15% 38% 17% 10.0 0.6													
Prestige 60   0.47   60%   8%   9%   0.99   1.3   99.9%   0.54   53%   32%   3%   42%     Prestige 70   0.50   69%   9%   0.99   1.4   99.9%   0.38   50%   22%   3%   38%     Prestige 20 Exterior   0.34   21%   5%   1.02   1.1   99.9%   0.38   60%   75%   0.05   52%   20%   0%   53%     Prestige 70 Exterior   0.44   86%   9%   9%   1.02   1.1   99.9%   0.44   60%   0%   21%     Ceramic 30   0.41   36%   17%   15%   1.02   0.9   99%   0.47   59%   60%   0%   35%     Ceramic 30   0.41   36%   17%   12%   1.03   1.0   99%   0.54   53%   50%   0%   35%     Night Vision 15   0.28   15%   38%   11%   0.98   0.5   9%   0.26													
Prestige 70   0.50   69%   9%   0.99   1.4   99.9%   0.58   50%   22%   3%   38%     Prestige 40 Exterior   0.34   21%   5%   5%   1.03   0.6   99.9%   0.34   66%   76%   0%   53%     Prestige 40 Exterior   0.48   71%   7%   1.02   1.1   99.9%   0.45   52%   20%   0%   41%     Prestige 90 Exterior   0.48   88%   9%   9%   1.02   1.4   99.9%   0.74   36%   1%   0%   0%   20%   0%   41%     Ceramic 30   0.41   36%   15%   1.03   0.9   99%   0.54   53%   50%   0%   35%     Night Vision 15   0.28   15%   38%   11%   0.98   0.55   52%   59%   0%   41%     Silver P18   0.23   17%   56%   58%   0.99   0.44   62%   83%   3%   3% <td></td>													
Prestige 20 Exterior   0.34   21%   5%   5%   1.03   0.6   99.9%   0.39   66%   76%   0%   59%     Prestige 40 Exterior   0.48   87%   6%   7%   1.02   1.1   99.9%   0.55   52%   20%   0%   41%     Prestige 70 Exterior   0.44   88%   9%   9%   1.02   1.4   99.9%   0.74   36%   1%   0%   21%     Ceramic 30   0.41   36%   17%   15%   1.02   0.9   99%   0.47   59%   60%   0%   43%     Ceramic 50   0.53   53%   12%   1.03   1.0   99%   0.55   52%   59%   0%   43%     Night Vision 35   0.48   36%   13%   7%   1.00   0.6   99%   0.55   52%   59%   60%   43%   53%   13%   14%   96%   72%     Night Vision 35   0.48   36%   7%   1.0													
Prestige 40 Exterior   0.39   42%   6%   5%   1.02   1.1   99.9%   0.44   61%   53%   0%   53%     Prestige 70 Exterior   0.48   7%   7%   7%   1.02   1.4   99.9%   0.74   68%   1%   9%   0.21   1.4   99.9%   0.74   68%   1%   0%   9%   0.74   68%   1%   12%   1.02   1.0   99.9%   0.47   59%   60%   0%   3%     Ceramic 30   0.41   36%   14%   12%   1.03   0.9   99%   0.51   53%   50%   0%   43%     Ceramic 50   0.53   53%   10%   1.00   0.6   99%   0.45   61%   73%   4%   66%     Night Vision 35   0.48   36%   13%   7%   1.00   0.6   99%   0.44   62%   63%   63%   63%   63%   63%   63%   63%   63%   63%   63% <td></td>													
Prestige 70 Exterior   0.48   71%   7%   1.02   1.5   99.9%   0.55   52%   20%   0%   41%     Prestige 90 Exterior   0.64   88%   9%   9%   1.02   1.4   99.9%   0.74   36%   1%   0%   21%     Ceramic 30   0.41   36%   17%   1.02   0.9   99%   0.54   53%   50%   0%   43%     Ceramic 40   0.47   44%   14%   12%   1.03   0.9   99%   0.54   53%   50%   0%   35%     Night Vision 15   0.28   15%   38%   11%   0.98   0.55   99%   0.42   61%   73%   2%   52%     Night Vision 25   0.39   24%   19%   7%   1.03   0.7   99%   0.26   77%   81%   66%     Night Vision 35   0.48   36%   13%   7%   0.99   0.8   99%   0.51   56%   63%   363%													
Prestige 90 Exterior   0.64   88%   9%   9%   1.02   1.4   99.9%   0.74   36%   1%   0%   21%     Ceramic 30   0.41   36%   17%   15%   1.02   0.9   99%   0.47   53%   60%   0%   53%     Ceramic 50   0.53   53%   12%   10%   1.03   1.0   99%   0.61   47%   40%   0%   35%     Night Vision 15   0.28   15%   38%   11%   0.98   0.55   99%   0.42   61%   73%   2%   52%     Night Vision 25   0.39   24%   19%   7%   1.00   0.6   99%   0.42   61%   73%   2%   52%     Night Vision 35   0.48   36%   13%   7%   1.03   0.7   99%   0.26   77%   81%   9%   72%     Neutral 30   0.38   15%   21%   11%   1.03   1.0   98%   0.64													
Ceramic 30   0.41   36%   17%   15%   1.02   0.9   99%   0.47   59%   60%   0%   50%     Ceramic 40   0.47   44%   14%   12%   1.03   0.9   99%   0.54   53%   50%   0%   43%     Ceramic 50   0.53   53%   12%   10%   1.03   0.9   99%   0.61   47%   40%   0%   35%     Night Vision 15   0.28   15%   38%   11%   0.80   59%   0.32   72%   83%   4%   66%     Night Vision 35   0.48   36%   13%   7%   1.00   0.6   99%   0.45   61%   73%   2%   52%     Neutral 20   0.38   15%   21%   19%   0.99   0.4   99%   0.51   56%   60%   4%   46%     Neutral 50   0.56   52%   12%   11%   1.03   0.9   98%   0.64   44%   41%													
Ceramic 40   0.47   44%   14%   12%   1.03   0.9   99%   0.54   53%   50%   0%   43%     Ceramic 50   0.53   53%   12%   10%   1.03   1.0   99%   0.61   47%   40%   0%   35%     Night Vision 15   0.28   15%   38%   11%   0.98   0.5   99%   0.32   72%   83%   4%   66%     Night Vision 25   0.39   24%   19%   7%   1.03   0.7   99%   0.26   77%   81%   9%   72%     Neutral 20   0.38   15%   21%   19%   0.99   0.4   99%   0.44   62%   83%   3%   53%     Neutral 35   0.44   36%   20%   18%   0.99   0.4   99%   0.44   46%   46%   46%   Neutral 35   0.44   36%   25%   1.00   0.4   99%   0.24   47%   46%   46%   46% <td></td>													
Ceramic 50   0.53   53%   12%   10%   1.03   1.0   99%   0.61   47%   40%   0%   35%     Night Vision 15   0.28   15%   38%   11%   0.98   0.55   99%   0.32   72%   83%   4%   66%     Night Vision 25   0.39   24%   19%   7%   1.03   0.7   99%   0.45   61%   73%   2%   52%   0%   044   66%     Night Vision 35   0.48   36%   19%   7%   1.03   0.7   99%   0.26   77%   81%   9%   72%     Neutral 20   0.38   15%   21%   19%   0.99   0.4   99%   0.44   60%   4%   46%   46%   46%   46%   46%   46%   44%   46%   46%   44%   46%   44%   46%   46%   46%   46%   46%   46%   46%   46%   46%   46%   46%   46% <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
Night Vision 15   0.28   15%   38%   11%   0.98   0.5   99%   0.32   72%   83%   4%   66%     Night Vision 25   0.39   24%   19%   7%   1.00   0.6   99%   0.45   61%   73%   52%   52%     Night Vision 35   0.48   36%   13%   7%   1.03   0.7   99%   0.25   52%   59%   0%   41%     Silver P18   0.23   17%   56%   58%   0.93   0.7   99%   0.24   62%   83%   3%   53%     Neutral 20   0.38   15%   21%   11%   1.03   0.99   0.44   62%   83%   3%   53%     Neutral 50   0.56   52%   12%   11.03   0.99   0.64   44%   41%   0%   31%     Neutral 50   0.56   69%   9%   8%   1.03   1.02   98%   0.45   61%   63%   8%   52%													
Night Vision 25   0.39   24%   19%   7%   1.00   0.6   99%   0.45   61%   73%   2%   52%     Night Vision 35   0.48   36%   13%   7%   1.03   0.7   99%   0.55   52%   59%   0%   41%     Silver P18   0.23   17%   56%   58%   0.99   0.4   99%   0.26   77%   81%   9%   72%     Neutral 20   0.38   15%   21%   19%   0.99   0.4   99%   0.55   52%   60%   4%   46%     Neutral 35   0.44   36%   20%   18%   0.99   0.88   99%   0.51   66%   60%   4%   46%     Neutral 50   0.56   52%   12%   11%   1.03   0.9   98%   0.64   44%   41%   0%   31%     Affinity 15   0.21   9%   63%   25%   1.00   0.4   99%   0.24   76%													
Night Vision 35   0.48   36%   13%   7%   1.03   0.7   99%   0.55   52%   59%   0%   41%     Silver P18   0.23   17%   56%   58%   0.93   0.7   99%   0.26   77%   81%   9%   72%     Neutral 20   0.38   15%   21%   19%   0.99   0.4   99%   0.44   62%   83%   3%   53%     Neutral 35   0.44   36%   20%   18%   0.99   0.4   99%   0.51   56%   60%   44%   41%   0%   31%     Neutral 70   0.68   69%   9%   8%   1.03   1.0   98%   0.78   32%   22%   74%     Affinity 15   0.21   9%   58%   25%   1.00   0.4   99%   0.24   79%   90%   2%   74%     Affinity 30   0.39   33%   29%   19%   0.88   99%   0.24   76%											73%		
Silver P18   0.23   17%   56%   58%   0.93   0.7   99%   0.26   77%   81%   9%   72%     Neutral 20   0.38   15%   21%   19%   0.99   0.4   99%   0.44   62%   83%   3%   53%     Neutral 35   0.44   36%   20%   18%   0.99   0.8   99%   0.64   44%   41%   0%   31%     Neutral 50   0.56   52%   12%   11%   1.03   0.9   98%   0.64   44%   41%   0%   31%     Neutral 70   0.68   69%   9%   8.01   1.0   98%   0.24   79%   90%   2%   74%     Affinity 15   0.21   9%   52%   58%   0.79   0.8   99%   0.24   76%   77%   24%   71%     LE 20   0.24   20%   52%   58%   1.02   0.9   99%   0.22   81%   81%   0%													
Neutral 20   0.38   15%   21%   19%   0.99   0.4   99%   0.44   62%   83%   3%   53%     Neutral 35   0.44   36%   20%   18%   0.99   0.8   99%   0.51   56%   60%   4%   46%     Neutral 50   0.56   52%   12%   11%   1.03   0.9   98%   0.64   44%   41%   0%   31%     Neutral 70   0.68   69%   9%   8%   1.03   1.0   98%   0.78   32%   22%   0%   17%     Affinity 15   0.21   9%   52%   1.00   0.4   99%   0.24   79%   90%   2%   74%     Affinity 30   0.33   32%   29%   19%   0.94   0.8   99%   0.24   76%   77%   24%   71%     LE 20   0.24   20%   52%   1.02   0.9   99%   0.22   81%   81%   0%   77%													
Neutral 35   0.44   36%   20%   18%   0.99   0.8   99%   0.51   56%   60%   4%   46%     Neutral 50   0.56   52%   12%   11%   1.03   0.9   98%   0.64   44%   41%   0%   31%     Neutral 70   0.68   69%   9%   8%   1.03   1.0   98%   0.78   32%   22%   0%   17%     Affinity 15   0.21   9%   58%   25%   1.00   0.4   99%   0.24   79%   90%   27%   74%     Affinity 30   0.39   33%   29%   19%   0.8   99%   0.45   61%   63%   8%   27%     LE 20   0.24   20%   52%   56%   1.02   0.8   99%   0.28   76%   77%   24%   17%   69%     Silver 15 External   0.19   17%   61%   56%   1.02   1.1   99.9%   0.56   51%													
Neutral 700.6869%9%8%1.031.098%0.7832%22%0%17%Affinity 150.219%58%25%1.000.499%0.2479%90%2%74%Affinity 300.3933%29%19%0.940.899%0.2479%90%2%74%LE 200.2420%52%58%0.790.899%0.2876%77%24%71%LE 350.2530%54%60%0.851.299%0.2975%67%17%69%Silver 15 External0.1917%61%56%1.020.999%0.2281%81%0%77%Neutral 35 External0.4944%10%13%1.020.999%0.5056%46%1%46%Ultra Prestige S500.4448%9%7%1.021.199.9%0.5056%46%1%38%Ultra Night Vision S250.4024%19%7%1.020.699.9%0.5457%56%0%47%Safety S100.5218%61%62%1.020.799%0.2676%80%0%70%Safety S400.8287%8%1.031.199.9%0.2676%80%0%3%Safety S400.7987%9%9%1.021.199.9% <td></td>													
Neutral 700.6869%9%8%1.031.098%0.7832%22%0%17%Affinity 150.219%58%25%1.000.499%0.2479%90%2%74%Affinity 300.3933%29%19%0.940.899%0.2479%90%2%74%LE 200.2420%52%58%0.790.899%0.2876%77%24%71%LE 350.2530%54%60%0.851.299%0.2975%67%17%69%Silver 15 External0.1917%61%56%1.020.999%0.2281%81%0%77%Neutral 35 External0.4944%10%13%1.020.999%0.5056%46%1%46%Ultra Prestige S500.4448%9%7%1.021.199.9%0.5056%46%1%38%Ultra Night Vision S250.4024%19%7%1.020.699.9%0.5457%56%0%47%Safety S100.5218%61%62%1.020.799%0.2676%80%0%70%Safety S400.8287%8%1.031.199.9%0.2676%80%0%3%Safety S400.7987%9%9%1.021.199.9% <td>Neutral 50</td> <td>0.56</td> <td>52%</td> <td>12%</td> <td>11%</td> <td>1.03</td> <td>0.9</td> <td>98%</td> <td>0.64</td> <td>44%</td> <td>41%</td> <td>0%</td> <td>31%</td>	Neutral 50	0.56	52%	12%	11%	1.03	0.9	98%	0.64	44%	41%	0%	31%
Affinity 150.219%58%25%1.000.499%0.2479%90%2%74%Affinity 300.3933%29%19%0.940.899%0.4561%63%8%52%LE 200.2420%52%58%0.790.899%0.2876%77%24%71%LE 350.2530%54%60%0.851.299%0.2975%67%17%69%Silver 15 External0.1917%61%56%1.020.999%0.5651%50%0%40%Utra Prestige S500.4448%9%7%1.021.199.9%0.5650%23%1%46%Utra Prestige S700.5168%10%9%1.021.499.9%0.5650%23%1%38%Utra Night Vision S250.4024%19%7%1.020.699.9%0.5457%56%0%47%Safety Neutral S350.4339%23%13%1.020.699.9%0.5457%56%0%47%Safety S400.5218%61%62%1.020.799%0.5676%80%0%3%Safety S400.7987%9%9%1.021.199%0.9021%2%0%3%Safety S400.7987%9%9%1.021.1<	Neutral 70	0.68	69%	9%	8%	1.03	1.0	98%	0.78	32%		0%	17%
LE 200.2420%52%58%0.790.899%0.2876%77%24%71%LE 350.2530%54%60%0.851.299%0.2975%67%17%69%Silver 15 External0.1917%61%56%1.020.999%0.2281%81%0%77%Neutral 35 External0.4944%10%13%1.020.999%0.5651%50%0%40%Ultra Prestige S500.4448%9%7%1.021.199.9%0.5056%46%1%46%Ultra Prestige S700.5168%10%9%1.021.499.9%0.5850%23%1%38%Ultra Night Vision S250.4024%19%7%1.020.699.9%0.5457%56%0%47%Safety Neutral S350.4339%23%13%1.020.999%0.5457%56%0%47%Safety S1ver S200.2518%61%62%1.020.799%0.2676%80%0%3%Safety S400.8287%8%8%1.031.199%0.9121%0%3%Safety S800.7987%9%9%1.021.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031	Affinity 15	0.21	9%	58%	25%	1.00	0.4	99%	0.24	79%		2%	74%
LE 200.2420%52%58%0.790.899%0.2876%77%24%71%LE 350.2530%54%60%0.851.299%0.2975%67%17%69%Silver 15 External0.1917%61%56%1.020.999%0.2281%81%0%77%Neutral 35 External0.4944%10%13%1.020.999%0.5651%50%0%40%Ultra Prestige S500.4448%9%7%1.021.199.9%0.5056%46%1%46%Ultra Prestige S700.5168%10%9%1.021.499.9%0.5850%23%1%38%Ultra Night Vision S250.4024%19%7%1.020.699.9%0.5457%56%0%47%Safety Neutral S350.4339%23%13%1.020.799%0.5676%80%0%70%Safety S1ver S200.2518%61%62%1.020.799%0.5457%56%0%3%Safety S400.8287%8%8%1.031.199.9%0.9021%2%0%3%Safety S800.7987%9%9%1.021.199.9%0.9121%0%3%Safety S1400.7885%10%10%1.03<	Affinity 30	0.39	33%	29%	19%	0.94	0.8	99%	0.45	61%	63%	8%	52%
Silver 15 External0.1917%61%56%1.020.999%0.2281%81%0%77%Neutral 35 External0.4944%10%13%1.020.999%0.5651%50%0%40%Ultra Prestige S500.4448%9%7%1.021.199.9%0.5056%46%1%46%Ultra Prestige S700.5168%10%9%1.021.499.9%0.5850%23%1%38%Ultra Night Vision S250.4024%19%7%1.020.699.9%0.4660%73%1%51%Safety Neutral S350.4339%23%13%1.020.999%0.5457%56%0%47%Safety Silver S200.2518%61%62%1.020.799%0.2676%80%0%70%Safety S400.8287%8%8%1.031.199.9%0.9121%2%0%3%Safety S1400.7987%9%9%1.021.199%0.9021%2%0%3%Safety S1400.7885%10%1.031.199.9%0.9220%0%3%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%Safety S40 Exterior0.8088%9%9%1.02<		0.24	20%	52%	58%	0.79	0.8	99%	0.28	76%	77%	24%	71%
Neutral 35 External0.4944%10%13%1.020.999%0.5651%50%0%40%Ultra Prestige S500.4448%9%7%1.021.199.9%0.5056%46%1%46%Ultra Prestige S700.5168%10%9%1.021.499.9%0.5850%23%1%38%Ultra Night Vision S250.4024%19%7%1.020.699.9%0.4660%73%1%51%Safety Neutral S350.4339%23%13%1.020.999%0.5457%56%0%47%Safety Silver S200.2518%61%62%1.020.799%0.2676%80%0%70%Scotchshield Ultra S8000.7987%9%9%1.021.199.9%0.9021%2%0%3%Safety S400.8287%8%8%1.031.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9021%2%0%3%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8088%	LE 35	0.25	30%	54%	60%	0.85	1.2	99%	0.29	75%	67%	17%	69%
Ultra Prestige S500.4448%9%7%1.021.199.9%0.5056%46%1%46%Ultra Prestige S700.5168%10%9%1.021.499.9%0.5850%23%1%38%Ultra Night Vision S250.4024%19%7%1.020.699.9%0.4660%73%1%51%Safety Neutral S350.4339%23%13%1.020.999%0.5457%56%0%47%Safety Silver S200.2518%61%62%1.020.799%0.2676%80%0%70%Scotchshield Ultra S8000.7987%9%9%1.041.199.9%0.9021%2%0%3%Safety S400.8287%8%8%1.031.199%0.9121%2%0%3%Safety S1400.7987%9%9%1.031.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9022%4%0%4%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8089%9	Silver 15 External	0.19	17%	61%	56%	1.02	0.9	99%	0.22	81%	81%	0%	77%
Ultra Prestige S700.5168%10%9%1.021.499.9%0.5850%23%1%38%Ultra Night Vision S250.4024%19%7%1.020.699.9%0.4660%73%1%51%Safety Neutral S350.4339%23%13%1.020.999%0.5457%56%0%47%Safety Silver S200.2518%61%62%1.020.799%0.2676%80%0%70%Scotchshield Ultra S8000.7987%9%9%1.041.199.9%0.9021%2%0%3%Safety S400.8287%8%8%1.031.199%0.9121%2%0%3%Safety S800.7987%9%9%1.021.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9021%2%0%3%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9220%0%0%2%Safety S40 Exterior0.8089%9%	Neutral 35 External	0.49	44%	10%	13%	1.02	0.9	99%	0.56	51%	50%	0%	40%
Ultra Night Vision S250.4024%19%7%1.020.699.9%0.4660%73%1%51%Safety Neutral S350.4339%23%13%1.020.999%0.5457%56%0%47%Safety Silver S200.2518%61%62%1.020.799%0.2676%80%0%70%Scotchshield Ultra S8000.7987%9%9%1.041.199.9%0.9021%2%0%3%Safety S400.8287%8%8%1.031.199%0.9121%2%0%3%Safety S700.7987%9%9%1.021.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9021%2%0%3%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9121%0%0%2%Safety S40 Exterior0.8089%9%9%	Ultra Prestige S50	0.44	48%	9%	7%	1.02	1.1	99.9%	0.50	56%	46%	1%	46%
Safety Neutral S350.4339%23%13%1.020.999%0.5457%56%0%47%Safety Silver S200.2518%61%62%1.020.799%0.2676%80%0%70%Scotchshield Ultra S8000.7987%9%9%1.041.199.9%0.9021%2%0%3%Safety S400.8287%8%8%1.031.199%0.9419%2%0%3%Safety S700.7987%9%9%1.021.199%0.9121%2%0%3%Safety S800.7987%9%9%1.031.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9021%2%0%3%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9220%0%2%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9220%0%2%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9121%0%0%2%Safety S40 Exterior0.7988%8%8%1.021.199.9% <td>Ultra Prestige S70</td> <td></td>	Ultra Prestige S70												
Safety Silver S200.2518%61%62%1.020.799%0.2676%80%0%70%Scotchshield Ultra S8000.7987%9%9%1.041.199.9%0.9021%2%0%3%Safety S400.8287%8%8%1.031.199%0.9419%2%0%0%Safety S700.7987%9%9%1.021.199%0.9121%2%0%3%Safety S800.7987%9%9%1.031.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9022%4%0%4%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9220%0%2%Safety S70 Exterior0.7988%8%8%1.021.199.9%0.9121%0%0%2%Safety S70 Exterior0.7988%8%8%1.021.199.9%0.9121%0%0%2%Safety S70 Exterior0.7988%8%8%1.021.199.9%0.9121%0%0%3%	Ultra Night Vision S25	0.40	24%	19%	7%	1.02	0.6	99.9%	0.46	60%	73%	1%	51%
Scotchshield Ultra S8000.7987%9%9%1.041.199.9%0.9021%2%0%3%Safety S400.8287%8%8%1.031.199%0.9419%2%0%0%Safety S700.7987%9%9%1.021.199%0.9121%2%0%3%Safety S800.7987%9%9%1.021.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9022%4%0%4%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8088%9%9%1.021.199.9%0.9220%0%2%Safety S70 Exterior0.7988%8%8%1.021.199.9%0.9121%0%0%2%Safety S70 Exterior0.7988%8%8%1.021.199.9%0.9121%0%0%3%	Safety Neutral S35	0.43	39%	23%	13%	1.02	0.9	99%	0.54	57%	56%	0%	47%
Safety S400.8287%8%8%1.031.199%0.9419%2%0%0%Safety S700.7987%9%9%1.021.199%0.9121%2%0%3%Safety S800.7987%9%9%1.031.199%0.9021%2%0%3%Safety S1400.7885%10%10%1.031.199%0.9022%4%0%4%Safety S20 Exterior0.8088%9%9%1.021.199.9%0.9220%0%1%2%Safety S40 Exterior0.8089%9%9%1.021.199.9%0.9220%0%0%2%Safety S70 Exterior0.7988%8%8%1.021.199.9%0.9121%0%0%3%	Safety Silver S20	0.25	18%	61%	62%	1.02	0.7	99%	0.26	76%	80%	0%	70%
Safety S70 0.79 87% 9% 9% 1.02 1.1 99% 0.91 21% 2% 0% 3%   Safety S80 0.79 87% 9% 9% 1.03 1.1 99% 0.90 21% 2% 0% 3%   Safety S80 0.79 87% 9% 9% 1.03 1.1 99% 0.90 21% 2% 0% 3%   Safety S140 0.78 85% 10% 10% 1.03 1.1 99% 0.90 22% 4% 0% 4%   Safety S20 Exterior 0.80 88% 9% 9% 1.02 1.1 99.9% 0.92 20% 0% 1% 2%   Safety S40 Exterior 0.80 89% 9% 9% 1.02 1.1 99.9% 0.92 20% 0% 0% 2%   Safety S40 Exterior 0.80 89% 9% 8% 1.02 1.1 99.9% 0.91 21% 0% 0% 2%   Safety S70 Exterior 0.79 88% 8%	Scotchshield Ultra S800	0.79	87%	9%	9%	1.04	1.1	99.9%	0.90	21%	2%	0%	3%
Safety S80   0.79   87%   9%   9%   1.03   1.1   99%   0.90   21%   2%   0%   3%     Safety S140   0.78   85%   10%   10%   1.03   1.1   99%   0.90   21%   2%   0%   3%     Safety S140   0.78   85%   10%   10%   1.03   1.1   99%   0.90   22%   4%   0%   4%     Safety S20 Exterior   0.80   88%   9%   9%   1.02   1.1   99.9%   0.92   20%   0%   1%   2%     Safety S40 Exterior   0.80   89%   9%   9%   1.02   1.1   99.9%   0.92   20%   0%   0%   2%     Safety S40 Exterior   0.80   89%   9%   1.02   1.1   99.9%   0.92   20%   0%   0%   2%     Safety S70 Exterior   0.79   88%   8%   1.02   1.1   99.9%   0.91   21%   0%	Safety S40	0.82	87%	8%	8%	1.03	1.1	99%	0.94	19%	2%	0%	0%
Safety S140   0.78   85%   10%   10%   1.03   1.1   99%   0.90   22%   4%   0%   4%     Safety S20 Exterior   0.80   88%   9%   9%   1.02   1.1   99.9%   0.92   20%   0%   1%   2%     Safety S40 Exterior   0.80   89%   9%   9%   1.02   1.1   99.9%   0.92   20%   0%   0%   2%     Safety S40 Exterior   0.80   89%   9%   9%   1.02   1.1   99.9%   0.92   20%   0%   0%   2%     Safety S70 Exterior   0.79   88%   8%   1.02   1.1   99.9%   0.91   21%   0%   0%   3%	Safety S70	0.79	87%	9%	9%	1.02	1.1	99%	0.91	21%	2%	0%	3%
Safety S20 Exterior   0.80   88%   9%   9%   1.02   1.1   99.9%   0.92   20%   0%   1%   2%     Safety S40 Exterior   0.80   89%   9%   9%   1.02   1.1   99.9%   0.92   20%   0%   1%   2%     Safety S40 Exterior   0.80   89%   9%   1.02   1.1   99.9%   0.92   20%   0%   0%   2%     Safety S70 Exterior   0.79   88%   8%   1.02   1.1   99.9%   0.91   21%   0%   0%   3%	Safety S80	0.79	87%	9%	9%	1.03	1.1	99%	0.90	21%	2%	0%	3%
Safety S40 Exterior   0.80   89%   9%   1.02   1.1   99.9%   0.92   20%   0%   0%   2%     Safety S70 Exterior   0.79   88%   8%   1.02   1.1   99.9%   0.91   21%   0%   0%   3%	Safety S140	0.78	85%	10%	10%		1.1	99%	0.90	22%	4%	0%	4%
Safety S70 Exterior   0.79   88%   8%   1.02   1.1   99.9%   0.91   21%   0%   0%   3%	Safety S20 Exterior	0.80	88%	9%	9%	1.02	1.1	99.9%	0.92	20%	0%	1%	2%
	Safety S40 Exterior	0.80	89%	9%	9%	1.02	1.1	99.9%	0.92	20%	0%	0%	2%
Anti Graffiti 4 & 6   N/A   N/A   N/A   N/A   N/A   99.9%   N/A   N/A   N/A	Safety S70 Exterior	0.79	88%	8%	8%	1.02	1.1	99.9%	0.91	21%	0%	0%	3%
	Anti Graffiti 4 & 6	N/A	N/A	N/A	N/A	N/A	N/A	99.9%	N/A	N/A	N/A	N/A	N/A

#### **Commercial Solutions Division**

3M Center, Building 220-12E-04 St. Paul, MN 55144 3M.com/windowfilm



# 3M™ Flat Glass Window Film – Single Pane ¼" (6mm) Tinted

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	S	VLT	Visible Reflection Exterior	Visible Reflection Interior	U Value	LSG (Light to Solar Gain)	UV Block	sc	TSER	Glare Reduction	Heat Loss Reduction	Heat Gain Reduction
1/4" Tinted Glass	0.63	53%	6%	6%	1.03	0.8	NA	0.72	37%	NA	NA	NA
Thinsulate CC75	0.40	44%	8%	10%	0.63	1.1	99.9%	0.46	60%	17%	40%	37%
Prestige 20	0.36	13%	5%	5%	0.47	0.4	99.9%	0.42	64%	76%	0%	43%
	0.37	24%	5%	6%	0.99	0.6	99.9%	0.42	63%	55%	3%	41%
	0.39	30%	6%	6%	0.99	0.8	99.9%	0.45	61%	43%	3%	38%
	0.41	36%	6%	7%	0.99	0.9	99.9%	0.47	59%	32%	3%	34%
	0.43	42%	6%	7%	0.99	1.0	99.9%	0.50	57%	22%	3%	31%
	0.31	13%	5%	5%	1.02	0.4	99.9%	0.35	69%	77%	0%	52%
Prestige 40 Exterior	0.33	25%	5%	5%	1.02	0.8	99.9%	0.38	67%	53%	0%	47%
Prestige 70 Exterior	0.39	42%	6%	5%	1.02	1.1	99.9%	0.44	61%	20%	0%	39%
Prestige 90 Exterior	0.50	53%	6%	6%	1.02	1.1	99.9%	0.57	50%	1%	0%	21%
	0.38	21%	9%	15%	1.02	0.6	99%	0.43	63%	60%	0%	40%
	0.41	27%	8%	11%	1.03	0.6	99%	0.47	59%	50%	0%	34%
Ceramic 50	0.45	32%	7%	9%	1.03	0.7	99%	0.52	55%	40%	0%	28%
	0.30	9%	16%	11%	0.98	0.3	99%	0.34	70%	82%	4%	52%
	0.36	14%	10%	7%	1.00	0.4	99%	0.41	64%	74%	2%	43%
	0.42	22%	8%	6%	1.03	0.5	99%	0.48	58%	58%	0%	33%
Silver P18	0.27	10%	23%	58%	0.93	0.4	99%	0.30	74%	82%	9%	58%
Neutral 20	0.32	9%	10%	19%	0.99	0.3	99%	0.37	68%	83%	3%	49%
	0.39	21%	10%	18%	0.99	0.5	99%	0.45	61%	60%	4%	38%
	0.47	31%	7%	10%	1.03	0.7	99%	0.54	53%	41%	0%	25%
Neutral 70	0.55	42%	6%	7%	1.03	0.8	99%	0.63	45%	22%	0%	13%
	0.27	5%	24%	25%	1.00	0.2	99%	0.31	73%	91%	2%	57%
	0.37	20%	14%	19%	0.94	0.5	99%	0.43	63%	62%	8%	41%
LE 20	0.26	12%	22%	58%	0.79	0.5	99%	0.29	75%	78%	24%	60%
LE35	0.27	17%	22%	60%	0.85	0.7	99%	0.31	73%	67%	17%	57%
Silver 15 External	0.16	10%	61%	23%	1.02	0.6	99%	0.18	84%	82%	0%	75%
	0.41	27%	10%	8%	1.02	0.6	99%	0.47	59%	50%	0%	34%
	0.40	29%	6%	7%	1.02	0.7	99.9%	0.46	60%	45%	1%	37%
Ultra Prestige S70	0.44	41%	6%	8%	1.02	0.9	99.9%	0.51	56%	23%	1%	30%
	0.38	15%	10%	7%	1.02	0.4	99.9%	0.43	62%	73%	1%	40%
Safety Neutral S35	0.36	23%	22%	8%	1.02	0.6	99%	0.48	64%	56%	0%	42%
Safety Silver S20	0.30	11%	25%	62%	1.02	0.4	99%	0.33	71%	80%	0%	53%
	0.62	52%	6%	7%	1.02	0.8	99.9%	0.71	38%	1%	0%	2%
	0.62	53%	6%	6%	1.02	0.8	99%	0.71	38%	1%	0%	1%
	0.62	53%	6%	6%	1.02	0.8	99%	0.71	38%	1%	0%	1%
	0.62	52%	6%	7%	1.02	0.8	99%	0.71	38%	1%	0%	2%
	0.62	52%	6%	7%	1.02	0.8	99%	0.71	38%	1%	0%	2%
	0.62	53%	6%	6%	1.02	0.9	99.9%	0.72	38%	0%	0%	1%
Safety S40 Exterior	0.62	53%	6%	6%	1.02	0.9	99.9%	0.72	38%	0%	0%	1%
Safety S70 Exterior	0.62	53%	6%	6%	1.02	0.9	99.9%	0.71	38%	0%	0%	2%
Anti Graffiti 4 & 6	N/A	N/A	N/A	N/A	N/A	N/A	99%	N/A	N/A	N/A	N/A	N/A

#### **Commercial Solutions Division**

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Technical Data Sheets Summary

# 3M™ Flat Glass Window Film – Double Pane ¼" (6mm) Clear

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Dual 1/4" Clear   0.70   79%   15%   15%   0.47   1.1   NA   0.80   NA   NA   NA     Thinsulate CC75   0.51   66%   21%   17%   0.35   1.3   99.9%   0.58   49%   16%   27%     Prestige 20   0.51   15%   14%   8%   0.47   0.7   99.9%   0.58   42%   77%   0%   27%     Prestige 60   0.54   54%   15%   14%   0.47   1.0   99.9%   0.62   46%   32%   2%   27%     Prestige 20 Exterior   0.24   18%   14%   0.47   1.1   99.9%   0.42   14%   2%   2%   17%     Prestige 20 Exterior   0.29   37%   7%   13%   0.47   1.6   99.9%   0.44   1%   2%   2%   1%     Prestige 90 Exterior   0.56   2%   16%   0.47   1.6   99.9%   0.62   46%   0%   1%	E E	SHGC	VLT	/isible Reflection Exterior	/isible Reflection Interior	U Value	LSG (Light to Solar Gain)	UV Block	SC	TSER	Glare Reduction	Heat Loss Reduction	Heat Gain Reduction
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Dual 1/4" Clear	0 70	79%			0 47		NA	0.80	30%	NA	NA	NA
Prestige 20   0.51   19%   13%   5%   0.47   0.4   99.9%   0.58   42%   77%   0%   27%     Prestige 50   0.53   45%   15%   9%   0.47   0.8   99.9%   0.61   47%   44%   25%   25%     Prestige 60   0.54   64%   15%   13%   0.47   1.0   99.9%   0.62   46%   32%   25%   22%     Prestige 20 Exterior   0.26   62%   15%   13%   0.47   1.3   99.9%   0.33   77%   63%   14%   0.47   0.4   99.9%   0.33   71%   53%   15%   66%   0.47   1.6   99.9%   0.33   71%   53%   15%   15%   15%   15%   15%   14%   0.47   1.6   99.9%   0.44   61%   20%   14%   0.47   1.6   99.9%   0.64   45%   1%   18%   12%   1.4   99.9%   0.64   45%													
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Prestige 50   0.53   45%   15%   0.47   0.8   99.9%   0.61   47%   44%   2%   25%     Prestige 60   0.54   54%   15%   11%   0.47   1.0   99.9%   0.62   46%   32%   2%   21%     Prestige 70   0.56   62%   15%   13%   0.47   1.1   99.9%   0.62   44%   22%   21%     Prestige 70   0.56   62%   15%   13%   0.47   1.1   99.9%   0.37   1%   53%   1%   59%     Prestige 70   Exterior   0.36   63%   12%   14%   0.47   1.6   99.9%   0.44   61%   20%   14%   12%   12%   14%   12%   14%   12%   14%   12%   14%   12%   14%   12%   14%   12%   14%   12%   14%   12%   14%   13%   12%   14%   14%   15%   14%   14%   12%													
Prestige 60   0.54   54%   15%   11%   0.47   1.0   99.9%   0.62   46%   32%   2%   22%     Prestige 70   0.56   62%   15%   13%   0.47   1.1   99.9%   0.62   46%   32%   2%   2%   21%     Prestige 20 Exterior   0.29   37%   7%   13%   0.47   1.4   99.9%   0.27   76%   77%   0.44   61%   20%   0.58   50%   0.9%   45%   17%   13%   0.47   1.4   99.9%   0.44   61%   0.47   1.4   99.9%   0.44   61%   0.47   1.4   99.9%   0.44   61%   0.46   14%   20%   14%   0.47   0.7   99%   0.66   43%   40%   14%   14%   23%   Ceramic 40   0.54   40%   14%   0.47   0.4   99%   0.66   43%   40%   14%   13%   0.44   15%   13%   14%   1													
Prestige 70   0.56   62%   15%   13%   0.47   1.1   99.9%   0.64   44%   22%   2%   2%   2%   2%   6%   0.47   1.4   99.9%   0.27   76%   7%   0%   66%     Prestige 40 Exterior   0.29   337%   7%   13%   0.47   1.3   99.9%   0.33   71%   53%   16%   0.47   1.4   99.9%   0.34   61%   10%   0.47   1.4   99.9%   0.64   45%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   13%   0.47   1.4   99.9%   0.64   45%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%   1%													
Prestige 20 Exterior   0.24   18%   12%   6%   0.47   0.4   99.9%   0.27   76%   77%   0%   66%     Prestige 40 Exterior   0.29   37%   7%   13%   0.47   1.3   99.9%   0.33   71%   53%   1%   59%     Prestige 70 Exterior   0.56   78%   15%   16%   0.47   1.4   99.9%   0.64   45%   1%   1%   1%   1%   1%   21%     Ceramic 30   0.50   32%   22%   16%   0.47   0.6   99%   0.62   46%   50%   1%   23%     Ceramic 50   0.57   47%   18%   12%   0.47   0.4   99%   0.66   43%   40%   1%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   18%   14%   18%   14%   18%													
Prestige 40 Exterior   0.29   37%   7%   13%   0.47   1.3   99.9%   0.33   71%   53%   1%   59%     Prestige 90 Exterior   0.36   63%   15%   16%   0.47   1.4   99.9%   0.64   45%   1%   1%   21%     Ceramic 30   0.50   32%   22%   16%   0.47   1.4   99.9%   0.62   46%   1%   28%     Ceramic 40   0.54   40%   20%   14%   0.47   0.7   99%   0.66   43%   40%   1%   1%   28%     Ceramic 50   0.57   47%   18%   12%   0.47   0.8   99%   0.66   60%   82%   3%   43%     Night Vision 25   0.49   22%   24%   8%   0.47   0.4   99%   0.57   51%   72%   1%   29%     Night Vision 25   0.49   22%   19%   0.47   0.5   99%   0.53   54% <td></td>													
Prestige 70 Exterior   0.39   63%   12%   14%   0.47   1.6   99.9%   0.44   61%   20%   0%   45%     Prestige 90 Exterior   0.56   78%   15%   16%   0.47   1.4   99.9%   0.64   45%   1%   1%   21%     Ceramic 30   0.50   32%   22%   16%   0.47   0.6   99%   0.66   45%   1%   18%     Ceramic 50   0.57   47%   18%   12%   0.47   0.8   99%   0.66   60%   82%   3%   43%     Night Vision 15   0.40   14%   39%   11%   0.46   0.4   99%   0.54   60%   1%   21%     Night Vision 25   0.49   12%   8%   0.47   0.6   99%   0.54   60%   1%   21%     Night Vision 35   0.55   32%   19%   0.47   0.3   99%   0.54   45%   60%   5%   53%   0.4													
Prestige 90 Exterior   0.56   78%   15%   16%   0.47   1.4   99.9%   0.64   45%   1%   1%   21%     Ceramic 30   0.50   32%   22%   18%   0.47   0.6   99%   0.62   46%   50%   1%   23%     Ceramic 50   0.57   47%   18%   12%   0.47   0.48   99%   0.66   43%   40%   1%   18%     Night Vision 15   0.40   14%   39%   11%   0.46   0.4   99%   0.66   43%   40%   1%   12%     Night Vision 15   0.40   14%   39%   14%   0.44   99%   0.46   60%   82%   3%   43%     Night Vision 35   0.55   32%   19%   0.47   0.6   99%   0.63   45%   60%   1%   1%   1%   1%   0.47   0.3   99%   0.53   54%   83%   2%   34%   Neutra120   0.46													
Ceramic 300.50 $32\%$ $22\%$ $16\%$ $0.47$ $0.6$ $99\%$ $0.58$ $50\%$ $60\%$ $1\%$ $28\%$ Ceramic 400.54 $40\%$ $20\%$ $14\%$ $0.47$ $0.7$ $99\%$ $0.62$ $46\%$ $50\%$ $1\%$ $23\%$ Ceramic 500.57 $47\%$ $18\%$ $12\%$ $0.47$ $0.8$ $99\%$ $0.66$ $43\%$ $40\%$ $1\%$ $18\%$ Night Vision 150.40 $14\%$ $39\%$ $11\%$ $0.46$ $0.4$ $99\%$ $0.57$ $51\%$ $72\%$ $1\%$ $29\%$ Night Vision 350.55 $32\%$ $19\%$ $8\%$ $0.47$ $0.4$ $99\%$ $0.57$ $51\%$ $72\%$ $1\%$ $29\%$ Neutral 200.46 $14\%$ $25\%$ $19\%$ $0.47$ $0.6$ $99\%$ $0.57$ $67\%$ $80\%$ $5\%$ $53\%$ Neutral 350.51 $32\%$ $25\%$ $19\%$ $0.47$ $0.3$ $99\%$ $0.57$ $49\%$ $60\%$ $2\%$ $27\%$ Neutral 500.51 $32\%$ $24\%$ $19\%$ $0.46$ $0.6$ $99\%$ $0.57$ $49\%$ $60\%$ $2\%$ $27\%$ Neutral 500.59 $46\%$ $18\%$ $13\%$ $0.48$ $0.8$ $99\%$ $0.67$ $41\%$ $41\%$ $0\%$ $16\%$ Affinity 300.46 $30\%$ $32\%$ $20\%$ $0.45$ $0.7$ $99\%$ $0.37$ $68\%$ $90\%$ $54\%$ Jilver 15 External0.14 $15\%$ $51\%$ $61\%$													
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Ceramic 50   0.57   47%   18%   12%   0.47   0.8   99%   0.66   43%   40%   1%   18%     Night Vision 15   0.40   14%   39%   11%   0.46   0.4   99%   0.57   51%   72%   1%   29%     Night Vision 25   0.49   22%   24%   8%   0.47   0.4   99%   0.57   51%   72%   1%   29%     Night Vision 35   0.55   32%   19%   8%   0.47   0.6   99%   0.57   51%   60%   1%   21%     Silver P18   0.33   15%   55%   58%   0.45   0.5   99%   0.53   54%   83%   2%   34%     Neutral 20   0.46   14%   19%   0.46   0.6   99%   0.53   54%   83%   2%   24%   1%   0.48   1.0   99%   0.74   36%   22%   27%     Neutral 35   0.32   8% <td></td>													
Night Vision 15   0.40   14%   39%   11%   0.46   0.4   99%   0.46   60%   82%   3%   43%     Night Vision 25   0.49   22%   24%   8%   0.47   0.4   99%   0.57   51%   72%   1%   29%     Night Vision 35   0.55   32%   19%   8%   0.47   0.6   99%   0.64   45%   60%   1%   21%     Silver P18   0.33   15%   55%   58%   0.45   0.5   99%   0.53   54%   83%   2%   34%     Neutral 20   0.46   14%   25%   19%   0.48   0.3   99%   0.53   54%   83%   2%   34%     Neutral 35   0.51   32%   24%   19%   0.48   1.0   99%   0.53   54%   60%   2%   2%   0%   45%   3%   43%     Affinity 15   0.32   8%   57%   26%   0.47													
Night Vision 25   0.49   22%   24%   8%   0.47   0.4   99%   0.57   51%   72%   1%   29%     Night Vision 35   0.55   32%   19%   8%   0.47   0.6   99%   0.64   45%   60%   1%   21%     Silver P18   0.33   15%   55%   58%   0.45   0.5   99%   0.37   67%   80%   5%   53%     Neutral 20   0.46   14%   25%   19%   0.47   0.3   99%   0.53   54%   83%   2%   34%     Neutral 35   0.51   32%   24%   19%   0.46   0.6   99%   0.57   41%   41%   0%   16%     Neutral 35   0.51   32%   24%   13%   0.48   0.8   99%   0.67   41%   41%   0%   16%     Neutral 70   0.64   62%   16%   0.47   0.3   99%   0.37   68%   90%													
Night Vision 35   0.55   32%   19%   8%   0.47   0.6   99%   0.64   45%   60%   1%   21%     Silver P18   0.33   15%   55%   58%   0.45   0.5   99%   0.37   67%   80%   5%   53%     Neutral 20   0.46   14%   25%   19%   0.47   0.3   99%   0.53   54%   83%   2%   34%     Neutral 35   0.51   32%   24%   19%   0.46   0.6   99%   0.57   49%   60%   2%   27%     Neutral 70   0.64   62%   16%   12%   0.48   1.0   99%   0.74   36%   22%   0%   8%     Affinity 15   0.32   8%   57%   26%   0.47   0.3   99%   0.37   68%   62%   5%   34%     LE 20   0.33   19%   52%   58%   0.40   0.4   98%   0.37   68% <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
Silver P18   0.33   15%   55%   58%   0.45   0.5   99%   0.37   67%   80%   5%   53%     Neutral 20   0.46   14%   25%   19%   0.47   0.3   99%   0.53   54%   83%   2%   34%     Neutral 35   0.51   32%   24%   19%   0.46   0.6   99%   0.53   54%   83%   2%   34%     Neutral 35   0.59   46%   18%   13%   0.48   0.8   99%   0.67   41%   41%   0%   16%     Neutral 70   0.64   62%   16%   0.47   0.3   99%   0.37   68%   90%   1%   54%     Affinity 30   0.46   30%   32%   20%   0.45   0.7   99%   0.38   67%   76%   15%   53%     LE 20   0.33   19%   52%   58%   0.40   0.4   99%   0.37   68%   65%													
Neutral 20   0.46   14%   25%   19%   0.47   0.3   99%   0.53   54%   83%   2%   34%     Neutral 35   0.51   32%   24%   19%   0.46   0.6   99%   0.59   49%   60%   2%   27%     Neutral 50   0.59   46%   18%   13%   0.48   0.8   99%   0.67   41%   41%   0%   16%     Neutral 70   0.64   62%   16%   12%   0.48   1.0   99%   0.74   36%   22%   0%   8%     Affinity 30   0.46   30%   32%   20%   0.45   0.7   99%   0.53   54%   62%   5%   34%     LE 20   0.33   19%   52%   58%   0.40   0.4   99%   0.37   68%   65%   11%   54%     Silver 15 External   0.14   15%   61%   0.47   1.1   99%   0.43   62%   50%													
Neutral 35   0.51   32%   24%   19%   0.46   0.6   99%   0.59   49%   60%   2%   27%     Neutral 50   0.59   46%   18%   13%   0.48   0.8   99%   0.67   41%   41%   0%   16%     Neutral 70   0.64   62%   16%   12%   0.48   1.0   99%   0.74   36%   22%   0%   8%     Affinity 15   0.32   8%   57%   26%   0.47   0.3   99%   0.37   68%   90%   1%   54%     Affinity 30   0.46   30%   32%   20%   0.45   0.7   99%   0.33   67%   76%   15%   53%     LE 20   0.33   19%   52%   58%   0.40   0.4   99%   0.37   68%   65%   11%   54%     Silver 15 External   0.14   15%   61%   0.47   1.1   99%   0.41   46%   0%													
Neutral 50   0.59   46%   18%   13%   0.48   0.8   99%   0.67   41%   41%   0%   16%     Neutral 70   0.64   62%   16%   12%   0.48   1.0   99%   0.74   36%   22%   0%   8%     Affinity 15   0.32   8%   57%   26%   0.47   0.3   99%   0.37   68%   90%   1%   54%     Affinity 30   0.46   30%   32%   20%   0.45   0.7   99%   0.53   54%   62%   5%   34%     LE 20   0.33   19%   52%   58%   0.40   0.4   99%   0.38   67%   76%   15%   53%     LE 35   0.32   28%   53%   61%   0.42   0.8   99%   0.37   68%   65%   11%   54%     Silver 15 External   0.14   15%   61%   0.47   1.1   99%   0.43   62%   50%   <													
Neutral 70   0.64   62%   16%   12%   0.48   1.0   99%   0.74   36%   22%   0%   8%     Affinity 15   0.32   8%   57%   26%   0.47   0.3   99%   0.37   68%   90%   1%   54%     Affinity 30   0.46   30%   32%   20%   0.45   0.7   99%   0.53   54%   62%   5%   34%     LE 20   0.33   19%   52%   58%   0.40   0.4   99%   0.38   67%   76%   15%   53%     LE 35   0.32   28%   53%   61%   0.42   0.8   99%   0.37   68%   65%   11%   54%     Silver 15 External   0.14   15%   61%   54%   0.47   1.1   99%   0.43   62%   50%   0%   46%     Ultra Prestige S50   0.53   43%   15%   9%   0.47   1.4   99.9%   0.64   44%													
Affinity 15   0.32   8%   57%   26%   0.47   0.3   99%   0.37   68%   90%   1%   54%     Affinity 30   0.46   30%   32%   20%   0.45   0.7   99%   0.53   54%   62%   5%   34%     LE 20   0.33   19%   52%   58%   0.40   0.4   99%   0.38   67%   76%   15%   53%     LE 35   0.32   28%   53%   61%   0.42   0.8   99%   0.37   68%   65%   11%   54%     Silver 15 External   0.14   15%   61%   0.47   1.1   99%   0.43   62%   50%   0%   46%     Ultra Prestige S50   0.53   43%   15%   9%   0.47   1.1   99.9%   0.61   47%   46%   0%   25%     Ultra Prestige S70   0.56   61%   16%   0.47   0.4   99.9%   0.58   50%   73% <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
Affinity 30 0.46 30% 32% 20% 0.45 0.7 99% 0.53 54% 62% 5% 34%   LE 20 0.33 19% 52% 58% 0.40 0.4 99% 0.38 67% 76% 15% 53%   LE 35 0.32 28% 53% 61% 0.42 0.8 99% 0.37 68% 65% 11% 54%   Silver 15 External 0.14 15% 61% 54% 0.47 1.1 99% 0.17 86% 81% 0% 79%   Neutral 35 External 0.38 40% 12% 18% 0.47 1.1 99% 0.43 62% 50% 0% 46%   Ultra Prestige S50 0.53 43% 15% 9% 0.47 0.8 99.9% 0.61 47% 46% 0% 25%   Ultra Prestige S70 0.56 61% 16% 13% 0.47 0.4 99.9% 0.58 50% 73% 0% 28%   Ultra Night Vision S25 0.50 22%													
LE 20   0.33   19%   52%   58%   0.40   0.4   99%   0.38   67%   76%   15%   53%     LE 35   0.32   28%   53%   61%   0.42   0.8   99%   0.37   68%   65%   11%   54%     Silver 15 External   0.14   15%   61%   54%   0.47   1.1   99%   0.17   86%   81%   0%   79%     Neutral 35 External   0.38   40%   12%   18%   0.47   1.1   99%   0.43   62%   50%   0%   46%     Ultra Prestige S50   0.53   43%   15%   9%   0.47   0.8   99.9%   0.61   47%   46%   0%   25%     Ultra Prestige S70   0.56   61%   16%   13%   0.47   1.1   99.9%   0.64   44%   23%   1%   20%     Ultra Night Vision S25   0.50   22%   24%   8%   0.47   0.7   99%   0													
LE 35 0.32 28% 53% 61% 0.42 0.8 99% 0.37 68% 65% 11% 54%   Silver 15 External 0.14 15% 61% 54% 0.47 1.1 99% 0.17 86% 81% 0% 79%   Neutral 35 External 0.38 40% 12% 18% 0.47 1.1 99% 0.43 62% 50% 0% 46%   Ultra Prestige S50 0.53 43% 15% 9% 0.47 0.8 99.9% 0.61 47% 46% 0% 25%   Ultra Prestige S70 0.56 61% 16% 13% 0.47 1.1 99.9% 0.64 44% 23% 1% 20%   Ultra Night Vision S25 0.50 22% 24% 8% 0.47 0.4 99.9% 0.58 50% 73% 0% 28%   Safety Neutral S35 0.49 35% 27% 14% 0.47 0.7 99% 0.37 67% 79% 0% 53%   Safety S1ver S20 0.33<													
Silver 15 External   0.14   15%   61%   54%   0.47   1.1   99%   0.17   86%   81%   0%   79%     Neutral 35 External   0.38   40%   12%   18%   0.47   1.1   99%   0.43   62%   50%   0%   46%     Ultra Prestige S50   0.53   43%   15%   9%   0.47   0.8   99.9%   0.61   47%   46%   0%   25%     Ultra Prestige S70   0.56   61%   16%   13%   0.47   1.1   99.9%   0.64   44%   23%   1%   20%     Ultra Night Vision S25   0.50   22%   24%   8%   0.47   0.4   99.9%   0.58   50%   73%   0%   28%     Safety Neutral S35   0.49   35%   27%   14%   0.47   0.7   99%   .63   51%   55%   1%   30%     Safety Silver S20   0.33   17%   59%   62%   0.47   1.1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
Neutral 35 External   0.38   40%   12%   18%   0.47   1.1   99%   0.43   62%   50%   0%   46%     Ultra Prestige S50   0.53   43%   15%   9%   0.47   0.8   99.9%   0.61   47%   46%   0%   25%     Ultra Prestige S70   0.56   61%   16%   13%   0.47   1.1   99.9%   0.64   44%   23%   1%   20%     Ultra Night Vision S25   0.50   22%   24%   8%   0.47   0.4   99.9%   0.58   50%   73%   0%   28%     Safety Neutral S35   0.49   35%   27%   14%   0.47   0.7   99%   6.3   51%   55%   1%   30%     Safety Silver S20   0.33   17%   59%   62%   0.47   0.5   99%   0.37   67%   79%   0%   5%     Safety S40   0.68   77%   16%   16%   0.47   1.1   99% <td></td>													
Ultra Prestige S500.5343%15%9%0.470.899.9%0.6147%46%0%25%Ultra Prestige S700.5661%16%13%0.471.199.9%0.6444%23%1%20%Ultra Night Vision S250.5022%24%8%0.470.499.9%0.5850%73%0%28%Safety Neutral S350.4935%27%14%0.470.799%.6351%55%1%30%Safety Silver S200.3317%59%62%0.470.599%0.3767%79%0%53%Scotchshield Ultra S8000.6977%16%16%0.481.199.9%0.7931%2%0%2%Safety S400.6877%16%16%0.471.199%0.7832%3%0%3%Safety S800.6877%16%16%0.471.199%0.7832%3%0%3%Safety S1400.6872%16%16%0.471.199%0.7832%9%0%3%Safety S40 Exterior0.6879%15%15%0.471.199.9%0.7832%9%0%3%Safety S1400.6879%15%15%0.471.199.9%0.7832%9%0%3%Safety S40 Exterior0.6879% <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
Ultra Prestige S70   0.56   61%   16%   13%   0.47   1.1   99.9%   0.64   44%   23%   1%   20%     Ultra Night Vision S25   0.50   22%   24%   8%   0.47   0.4   99.9%   0.58   50%   73%   0%   28%     Safety Neutral S35   0.49   35%   27%   14%   0.47   0.7   99%   .63   51%   55%   1%   30%     Safety Silver S20   0.33   17%   59%   62%   0.47   0.5   99%   0.37   67%   79%   0%   53%     Scotchshield Ultra S800   0.69   77%   16%   16%   0.48   1.1   99.9%   0.79   31%   2%   0%   2%     Safety S40   0.68   77%   15%   15%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S40   0.68   77%   16%   16%   0.47   1.1   99%													
Ultra Night Vision S25   0.50   22%   24%   8%   0.47   0.4   99.9%   0.58   50%   73%   0%   28%     Safety Neutral S35   0.49   35%   27%   14%   0.47   0.7   99%   .63   51%   55%   1%   30%     Safety Silver S20   0.33   17%   59%   62%   0.47   0.5   99%   0.37   67%   79%   0%   53%     Scotchshield Ultra S800   0.69   77%   16%   16%   0.48   1.1   99.9%   0.79   31%   2%   0%   2%     Safety S40   0.68   77%   15%   15%   0.47   1.1   99%   0.78   32%   3%   0%   3%   Safety S70   0.68   77%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%   Safety S80   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   9%													
Safety Neutral S35   0.49   35%   27%   14%   0.47   0.7   99%   .63   51%   55%   1%   30%     Safety Silver S20   0.33   17%   59%   62%   0.47   0.5   99%   0.37   67%   79%   0%   53%     Scotchshield Ultra S800   0.69   77%   16%   16%   0.48   1.1   99.9%   0.79   31%   2%   0%   2%     Safety S40   0.68   77%   15%   15%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S70   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S80   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S80   0.68   72%   16%   16%   0.47   1.1   99%   0.78   <													
Safety Silver S20   0.33   17%   59%   62%   0.47   0.5   99%   0.37   67%   79%   0%   53%     Scotchshield Ultra S800   0.69   77%   16%   16%   0.48   1.1   99.9%   0.79   31%   2%   0%   2%     Safety S40   0.68   77%   15%   15%   0.47   1.1   99.%   0.78   32%   3%   0%   3%     Safety S40   0.68   77%   16%   16%   0.47   1.1   99.%   0.78   32%   3%   0%   3%     Safety S70   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S80   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S140   0.68   72%   16%   16%   0.47   1.1   99.9%   0.79   3													
Scotchshield Ultra S800   0.69   77%   16%   16%   0.48   1.1   99.9%   0.79   31%   2%   0%   2%     Safety S40   0.68   77%   15%   15%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S40   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S70   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S80   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S80   0.68   72%   16%   16%   0.47   1.1   99%   0.78   32%   9%   0%   3%     Safety S140   0.68   72%   15%   15%   0.47   1.1   99.9%   0.79   31%	· · · · · · · · · · · · · · · · · · ·												
Safety S40   0.68   77%   15%   15%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S70   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S70   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S80   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S140   0.68   72%   16%   16%   0.47   1.1   99%   0.78   32%   9%   0%   3%     Safety S140   0.68   72%   16%   16%   0.47   1.1   99%   0.78   32%   9%   0%   3%     Safety S20 Exterior   0.68   79%   15%   0.47   1.2   99.9%   0.78   32%   0%   <													
Safety S70   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S80   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S80   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S140   0.68   72%   16%   16%   0.47   1.1   99%   0.78   32%   9%   0%   3%     Safety S140   0.68   72%   16%   16%   0.47   1.1   99%   0.78   32%   9%   0%   3%     Safety S20 Exterior   0.69   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%     Safety S40 Exterior   0.68   79%   15%   0.47   1.2   99.9%   0.78   32%   0% <td></td>													
Safety S80   0.68   77%   16%   16%   0.47   1.1   99%   0.78   32%   3%   0%   3%     Safety S140   0.68   72%   16%   16%   0.47   1.1   99%   0.78   32%   9%   0%   3%     Safety S140   0.68   72%   16%   16%   0.47   1.1   99%   0.78   32%   9%   0%   3%     Safety S20 Exterior   0.69   79%   15%   15%   0.47   1.1   99.9%   0.79   31%   0%   0%   2%     Safety S40 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%     Safety S70 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%													
Safety S140   0.68   72%   16%   16%   0.47   1.1   99%   0.78   32%   9%   0%   3%     Safety S20 Exterior   0.69   79%   15%   15%   0.47   1.1   99.9%   0.79   31%   0%   0%   2%     Safety S40 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%     Safety S70 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%													
Safety S20 Exterior   0.69   79%   15%   15%   0.47   1.1   99.9%   0.79   31%   0%   0%   2%     Safety S40 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%     Safety S70 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%	· · · · · · · · · · · · · · · · · · ·												
Safety S40 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%     Safety S70 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%													
Safety S70 Exterior   0.68   79%   15%   15%   0.47   1.2   99.9%   0.78   32%   0%   0%   3%													
Anti Graffiti 4 & 6   N/A   N/A   N/A   N/A   N/A   N/A   99%   N/A   N/A   N/A   N/A   N/A   N/A   N/A   N/A													
	Anti Graffiti 4 & 6	N/A	N/A	N/A	N/A	N/A	N/A	99%	N/A	N/A	N/A	N/A	N/A

#### **Commercial Solutions Division**

3M Center, Building 220-12E-04 St. Paul, MN 55144 3M.com/windowfilm



Technical Data Sheets Summary

# 3M<sup>™</sup> Flat Glass Window Film – Double Pane ¼" (6mm) Tinted

									/			
Ë	SHGC	VLT	Visible Reflection Exterior	Visible Reflection Interior	U Value	LSG (Light to Solar Gain)	UV Block	sc	TSER	Glare Reduction	Heat Loss Reduction	Heat Gain Reduction
Dual 1/4" tint	0.51	47%	8%	13%	0.47	0.9	NA	0.58	49%	NA	NA	NA
Thinsulate CC75	0.37	40%	10%	15%	0.35	1.1	99.9%	0.42	63%	15%	26%	27%
Prestige 20	0.39	11%	8%	5%	0.47	0.4	99.9%	0.45	61%	76%	0%	24%
Prestige 40	0.39	21%	8%	8%	0.47	0.5	99.9%	0.45	61%	55%	2%	23%
Prestige 50	0.40	27%	8%	9%	0.47	0.7	99.9%	0.46	60%	44%	2%	22%
Prestige 60	0.40	32%	8%	10%	0.47	0.8	99.9%	0.40	59%	32%	2%	20%
Prestige 70	0.42	37%	8%	12%	0.47	0.0	99.9%	0.48	59%	22%	2%	18%
Prestige 20 Exterior	0.42	11%	12%	5%	0.47	0.9	99.9%	0.40	80%	77%	0%	61%
	0.20	22%	6%	12%	0.47	1.0	99.9 <i>%</i>	0.25	77%	53%	0%	55%
Prestige 40 Exterior		38%	7%	12%	0.47	1.3		0.20	71%	21%	0%	43%
Prestige 70 Exterior	0.29						99.9%					
Prestige 90 Exterior	0.41	47%	9%	13%	0.47	1.2	99.9%	0.47	60%	1%	0%	20%
Ceramic 30	0.38	19%	11%	16%	0.47	0.5	99%	0.44	62%	60%	1%	25%
Ceramic 40	0.40	24%	10%	13%	0.47	0.6	99%	0.46	60%	50%	1%	21%
Ceramic 50	0.43	28%	9%	11%	0.47	0.7	99%	0.49	58%	40%	1%	16%
Night Vision 15	0.32	8%	17%	11%	0.46	0.3	99%	0.37	68%	83%	3%	37%
Night Vision 25	0.37	13%	12%	8%	0.47	0.4	99%	0.43	63%	73%	1%	27%
Night Vision 35	0.41	19%	10%	7%	0.47	0.5	99%	0.47	59%	60%	1%	19%
Silver P18	0.27	9%	23%	58%	0.45	0.3	99%	0.31	73%	81%	5%	47%
Neutral 20	0.36	8%	12%	19%	0.47	0.2	99%	0.41	64%	83%	2%	30%
Neutral 35	0.39	19%	12%	19%	0.46	0.5	99%	0.45	61%	60%	2%	23%
Neutral 50	0.44	28%	10%	13%	0.48	0.6	99%	0.50	57%	41%	0%	14%
Neutral 70	0.47	37%	9%	11%	0.48	0.8	99%	0.54	53%	22%	0%	7%
Affinity 15	0.27	5%	23%	25%	0.47	0.2	99%	0.31	73%	89%	1%	47%
Affinity 30	0.36	18%	15%	20%	0.45	0.5	99%	0.41	64%	62%	5%	29%
LE 20	0.27	11%	21%	58%	0.40	0.4	99%	0.31	73%	77%	15\$	47%
LE 35	0.26	16%	22%	61%	0.42	0.6	99%	0.30	74%	66%	11%	48%
Silver 15 External	0.11	9%	61%	27%	0.47	0.8	99%	0.13	89%	81%	0%	78%
Neutral 35 External	0.29	24%	10%	14%	0.47	0.8	99%	0.34	71%	50%	0%	42%
Ultra Prestige S50	0.40	26%	9%	9%	0.47	0.6	99.9%	0.46	60%	46%	0%	21%
Ultra Prestige S70	0.42	37%	9%	12%	0.47	0.9	99.9%	0.48	58%	23%	0%	17%
Ultra Night Vision S25	0.38	13%	11%	8%	0.47	0.3	99.9%	0.44	62%	73%	0%	24%
Safety Neutral S35	0.38	21%	13%	14%	0.47	0.6	99%	0.47	62%	56%	0%	25%
Safety Silver S20	0.28	10%	24%	62%	0.47	0.4	99%	0.31	72%	79%	0%	45%
Scotchshield Ultra S800	0.5	46%	9%	14%	0.48	0.9	99%	0.58	50%	2%	0%	1%
Safety S40	0.5	47%	9%	14%	0.48	0.9	99%	0.58	50%	2%	0%	1%
Safety S70	0.5	47%	9%	14%	0.48	0.9	99%	0.58	50%	2%	0%	1%
Safety S80	0.5	46%	9%	14%	0.48	0.9	99%	0.58	50%	2%	0%	1%
Safety S140	0.5	46%	9%	14%	0.48	0.9	99%	0.58	50%	2%	0%	1%
Safety S20 Exterior	0.5	47%	8%	13%	0.47	0.9	99.9%	0.57	50%	0%	0%	2%
Safety S40 Exterior	0.5	47%	8%	13%	0.47	0.9	99.9%	0.57	50%	0%	0%	2%
Safety S70 Exterior	0.5	47%	8%	13%	0.47	1.0	99.9%	0.57	51%	1%	0%	2%
Anti Graffiti 4 & 6	N/A	N/A	N/A	N/A	N/A	N/A	99%	N/A	N/A	N/A	N/A	N/A
							5570					

#### **Commercial Solutions Division**

3M Center, Building 220-12E-04 St. Paul, MN 55144 3M.com/windowfilm



Technical Data Sheets Summary

### Abbreviations

SHGC – Solar Heat Gain Coefficient VLT – Visible Light Transmission LSG – Light to Solar Gain UV Block – Percent of UV light (300-380nm) blocked SC – Shading Coefficient TSER – Total Solar Energy Rejected

## **Health and Safety**

When handling any chemical products, read the manufacturers' container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information. To obtain SDS sheets for 3M products go to <u>3M.com/SDS</u>, or by mail or in case of an emergency, call 1-888-364-3577 or 1-651-737-6501. When using any equipment, always follow the manufacturers' instructions for safe operation.

## **Technical Information**

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Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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### **Limited Remedy**

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### **No Extension of Warranty**

In the case of an approved warranty claim, the replacement Product will carry only the remaining term of the original warranty period.

### **Limitation of Liability**

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