

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

| Film       | SHGC | VLT | Visible Reflection Exterior | Visible Reflection Interior | U Value | Luminous Efficacy | UV Block | SC   | TSER | Glare Reduction | Heat Loss Reduction | Heat Gain Reduction |
|------------|------|-----|-----------------------------|-----------------------------|---------|-------------------|----------|------|------|-----------------|---------------------|---------------------|
| 1/4" Clear | 0.82 | 89% | 8%                          | 9%                          | 1.03    | 1.1               | 38%      | 0.94 | 19%  | NA              | NA                  | NA                  |
| CR40       | 0.40 | 39% | 7%                          | 7%                          | 0.99    | 1.0               | 99.9%    | 0.46 | 60%  | 55%             | 3%                  | 50%                 |
| CR50       | 0.44 | 50% | 8%                          | 7%                          | 0.99    | 1.1               | 99.9%    | 0.50 | 56%  | 44%             | 3%                  | 46%                 |
| CR60       | 0.47 | 60% | 8%                          | 8%                          | 0.99    | 1.3               | 99.9%    | 0.54 | 53%  | 32%             | 3%                  | 42%                 |
| CR70       | 0.50 | 69% | 9%                          | 9%                          | 0.99    | 1.4               | 99.9%    | 0.58 | 50%  | 22%             | 3%                  | 38%                 |
| CR90       | 0.66 | 86% | 10%                         | 10%                         | 0.99    | 1.3               | 99.9%    | 0.76 | 34%  | 3%              | 3%                  | 19%                 |
| CM30       | 0.41 | 36% | 17%                         | 15%                         | 1.02    | 0.9               | 99%      | 0.47 | 59%  | 60%             | 0%                  | 50%                 |
| CM40       | 0.47 | 44% | 14%                         | 12%                         | 1.03    | 0.9               | 99%      | 0.54 | 53%  | 50%             | 0%                  | 43%                 |
| CM50       | 0.53 | 53% | 12%                         | 10%                         | 1.03    | 1.0               | 99%      | 0.61 | 47%  | 40%             | 0%                  | 35%                 |
| CS5        | 0.43 | 9%  | 5%                          | 4%                          | 1.03    | 0.2               | 99%      | 0.49 | 57%  | 90%             | 0%                  | 47%                 |
| CS20       | 0.49 | 19% | 5%                          | 5%                          | 1.03    | 0.4               | 99%      | 0.57 | 51%  | 79%             | 0%                  | 39%                 |
| CS35       | 0.60 | 39% | 5%                          | 6%                          | 1.03    | 0.6               | 98%      | 0.69 | 40%  | 56%             | 0%                  | 27%                 |
| CS50       | 0.65 | 52% | 5%                          | 7%                          | 1.03    | 0.8               | 98%      | 0.75 | 35%  | 42%             | 0%                  | 20%                 |
| BC10       | 0.28 | 10% | 22%                         | 18%                         | 0.97    | 0.4               | 99%      | 0.32 | 72%  | 88%             | 6%                  | 66%                 |
| BC20       | 0.32 | 17% | 20%                         | 25%                         | 0.97    | 0.5               | 99%      | 0.37 | 68%  | 81%             | 6%                  | 60%                 |
| BC35       | 0.47 | 36% | 13%                         | 11%                         | 0.97    | 0.8               | 99%      | 0.54 | 53%  | 60%             | 6%                  | 43%                 |
| BC40       | 0.53 | 42% | 9%                          | 8%                          | 0.97    | 0.8               | 99%      | 0.61 | 47%  | 53%             | 6%                  | 35%                 |
| FXPM 5     | 0.55 | 6%  | 5%                          | 5%                          | 1.03    | 0.1               | 99%      | 0.63 | 45%  | 93%             | 0%                  | 33%                 |
| FXPM 15    | 0.57 | 17% | 5%                          | 5%                          | 1.03    | 0.3               | 99%      | 0.66 | 43%  | 81%             | 0%                  | 30%                 |
| FXPM 25    | 0.59 | 26% | 5%                          | 5%                          | 1.03    | 0.4               | 99%      | 0.68 | 41%  | 71%             | 0%                  | 28%                 |
| FXPM 30    | 0.62 | 35% | 5%                          | 5%                          | 1.03    | 0.6               | 99%      | 0.71 | 38%  | 61%             | 0%                  | 24%                 |
| FXPM 35    | 0.63 | 41% | 6%                          | 6%                          | 1.03    | 0.6               | 99%      | 0.72 | 37%  | 54%             | 0%                  | 23%                 |
| FXPM 55    | 0.68 | 58% | 7%                          | 7%                          | 1.03    | 0.9               | 99%      | 0.78 | 32%  | 34%             | 0%                  | 17%                 |
| FXHP 5     | 0.45 | 3%  | 5%                          | 5%                          | 0.99    | 0.1               | 99%      | 0.51 | 55%  | 97%             | 3%                  | 45%                 |
| FXHP 15    | 0.50 | 14% | 6%                          | 6%                          | 0.99    | 0.3               | 99%      | 0.57 | 50%  | 84%             | 3%                  | 39%                 |
| FXHP 20    | 0.50 | 23% | 5%                          | 9%                          | 1.00    | 0.5               | 99%      | 0.57 | 50%  | 74%             | 3%                  | 39%                 |
| FXHP 30    | 0.54 | 31% | 6%                          | 8%                          | 1.00    | 0.6               | 99%      | 0.61 | 47%  | 65%             | 3%                  | 34%                 |
| FXHP 35    | 0.57 | 41% | 7%                          | 8%                          | 1.00    | 0.7               | 99%      | 0.66 | 43%  | 53%             | 2%                  | 30%                 |
| FXHP 40    | 0.53 | 44% | 8%                          | 10%                         | 1.02    | 0.8               | 99%      | 0.61 | 47%  | 50%             | 0%                  | 34%                 |
| FXHP 50    | 0.59 | 49% | 8%                          | 8%                          | 1.01    | 0.8               | 99%      | 0.68 | 41%  | 45%             | 2%                  | 28%                 |
| FXST 5     | 0.54 | 4%  | 5%                          | 4%                          | 1.02    | 0.1               | 99%      | 0.62 | 46%  | 95%             | 0%                  | 33%                 |
| FXST 20    | 0.60 | 23% | 5%                          | 5%                          | 1.02    | 0.4               | 99%      | 0.69 | 40%  | 74%             | 0%                  | 26%                 |
| FXST 35    | 0.64 | 33% | 5%                          | 5%                          | 1.02    | 0.5               | 99%      | 0.73 | 37%  | 63%             | 0%                  | 22%                 |
| FXST 40    | 0.66 | 41% | 5%                          | 5%                          | 1.02    | 0.6               | 99%      | 0.75 | 35%  | 53%             | 0%                  | 20%                 |
| FXST 50    | 0.69 | 54% | 6%                          | 6%                          | 1.02    | 0.8               | 99%      | 0.80 | 31%  | 39%             | 0%                  | 15%                 |
| FXST 70    | 0.72 | 70% | 7%                          | 7%                          | 1.02    | 1.0               | 99%      | 0.83 | 28%  | 21%             | 0%                  | 11%                 |

**Important:**

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.



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