



# RAY-BAR FIRE GLASS TECHNICAL DATA AND PERFORMANCE



## SOUND ATTENUATION, WEIGHT, INSULATION VALUE AND LIGHT TRANSMISSION

| GLASS PRODUCT        | FRACTIONAL THICKNESS | WEIGHT LBS.SQ.FT | ASTM E-90 STC RATING | ISO 717 RW | U-VALUE THERMAL | R-VALUE LOSS | LIGHT TRANSMISSION |
|----------------------|----------------------|------------------|----------------------|------------|-----------------|--------------|--------------------|
| TEMPERED             | 1/4"                 | 3.0              | 31                   | 32         | 1.02            | .98          | 84% / LI: 92%      |
| TEMPERED             | 1/2"                 | 6.4              | 36                   | 37         | .98             | 1.02         | 80% / LI: 88%      |
| NEOCERAM             | 3/16"                | 2.5              | 34                   | 34         | 1.03            | .97          | 88%                |
| FIRELITE             | 3/16"                | 2.5              | 35                   | 35         | 1.03            | .97          | 88%                |
| FIRELITE-NT (FILM)   | 3/16"                | 2.5              | 35                   | 35         | 1.03            | .97          | 88%                |
| FIRELITE+PLUS (LAMI) | 5/16"                | 4.0              | 38                   | 38         | 1.01            | .99          | 85%                |
| WIRELITE-NT (FILM)   | 1/4"                 | 3.75             | 32                   | 32         | 1.02            | .99          | 78%                |

## PYROSTOP FIRE GLASS PRODUCTS: MULTI-LAMINATED ULTRA CLEAR LOW IRON GLASS

|                    |         |       |    |    |     |      |     |
|--------------------|---------|-------|----|----|-----|------|-----|
| 45 PYROSTOP        | 3/4"    | 9.22  | 40 | 40 | .86 | 1.16 | 87% |
| 60 PYROSTOP        | 7/8"    | 10.86 | 41 | 41 | .83 | 1.2  | 86% |
| 60* PYROSTOP       | 1-1/16" | 12.90 | 44 | 44 | .83 | 1.2  | 86% |
| 90 PYROSTOP        | 1-7/16" | 17.61 | 45 | 45 | .74 | 1.35 | 85% |
| 90* PYROSTOP       | 1-9/16" | 18.64 | 46 | 46 | .72 | 1.38 | 84% |
| 120 PYROSTOP-IGU   | 2-1/8"  | 21.71 | 46 | 46 | .44 | 2.27 | 75% |
| 120* PYROSTOP-IGU* | 2-3/8"  | 21.80 | 46 | 46 | .35 | 2.85 | 68% |

### \* EXTERIOR/INTERIOR WINDOW APPLICATIONS

LI: LOW IRON ULTRA CLEAR GLASS

### \* AVAILABLE HANDGUN UL 752 LEVEL 3 BULLET RESISTANT TO .44 MAG

- STC SOUND TRANSMISSION TESTING IS PER ASTM E-90 STANDARDS
- RW SOUND TRANSMISSION TESTING IS PER ISO 717 STANDARDS
- ASTM STC range 125 Hz to 4000 Hz / ISO RW range 100 Hz to 3150 Hz.
- U-VALUE IS THERMAL HEAT TRANSMITTANCE RATE AND INSULATION
- R-VALUE IS THERMAL HEAT RESISTANCE AND LOSS
- LIGHT TRANSMISSION IS THE GLASS TRANSPARENCY TO LIGHT
- SEE RAY-BAR IGU TECH PERFORMANCE PAGE FOR ADDITIONAL INFORMATION

\* CONTACT RAY-BAR FOR SOLAR GAIN COEFFICIENT RATINGS (SHGC)



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" WHEN PROTECTION IS REQUIRED, THERE IS NO SUBSTITUTE FOR SKILL AND EXPERIENCE"

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