

Manufacturer Certification for the heat and light technical data of selected UNILUX sun protection glasses

(confirm with DIN EN standards)

Heat and light technical data of UNILUX double sealed glasses working for sun protection :

| Glass Type | Record-No. | U _g value ⁽¹⁾ [Btu/ft ² hr°F] | SHGC value ⁽²⁾ | Light Transmittance ⁽²⁾ [± 2,0%] | Sound Reduction Index ⁽³⁾ ISO R _{w,P,Glass} [dB] |
|------------------------------|-------------|---|---------------------------|--|---|
| SOSG 51/28 * | 1530 | 0.19 | 0.25 | 51 | 36 |
| SOSG 70/41 | 1520 | 0.19 | 0.38 | 70 | 36 |
| SUNGUARD HP Royal Blue 40 | not defined | 0.23 | 0.29 | 38 | 36 |
| SUNGUARD HP Silver 43 | not defined | 0.21 | 0.29 | 42 | 36 |
| SUNGUARD HP Neutral 61 | not defined | 0.21 | 0.39 | 60 | 36 |

⁽¹⁾: according to DIN EN 673 or DIN EN 674 with $\Delta T = 15 \text{ K}$

⁽²⁾: according to DIN EN 410

⁽³⁾: according to DIN EN 20140-3

ISO R_w is a rating very similar to ASTM STC. Both are laboratory results and directly equivalent.

*: Data of the UNILUX standard sun protection glass

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