

TECHNICAL SHEET

| ROTEXTEN Functional | | | | | | | | | |
|----------------------------------|--------------|--|----------|------------------------------|--|--|--|--|--|
| LENS | Material | Polycarb | onate | | | | | | |
| | Thickness | 2 mm | | | HIGH OPTICAL QUALITY | | | | |
| | Colour | Grey | | | | | | | |
| | Curvature | 26 | | | | | | | |
| | Standards | EN 166 - General standard EN 172 - Solar protection filters for industrial use | | | | | | | |
| | Marking | 5-3,1 < 1 FT K N CE | | | | | | | |
| | Treatments | Anti-scratch treatment PLUS | | | | | | | |
| | | PLUS 14 s | Anti-fc | og treatment PLUS | | | | | |
| | | UV 400 | UV400 |) protection | | | | | |
| | Material | Front | | Nylon | C | | | | |
| | | Temples | | Nylon + TPR | | | | | |
| | | Nase pad | | TPR | | | | | |
| | Marking | 🥨 EN | 166 FT 🕅 | CE | | | | | |
| FRAME | Features | | Extend | dible temples | | | | | |
| | | | Adjust | able temples | | | | | |
| | | *5.* | Adjust | able nose pad | | | | | |
| | | 7 | Soft no | ose pad | | | | | |
| | | | Soft ea | ar pieces | | | | | |
| FURTHER TECHNICAL FEATURES | Weight | 29 g | | | | | | | |
| | Applications | Outdoor | works, n | nechanical works with risk o | of glare, agriculture, building, refineries. | | | | |

| | Code | Quantity | | |
|-----------|-----------|----------|--------------------------------------|--|
| PACKAGING | E002-B110 | Box | 10 single-packed glasses | |
| | E002-K110 | Carton | 24 boxes (240 single-packed glasses) | |

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| SAFETY TECHNICAL FEATURES | | | | | | | | | | |
|----------------------------|--|---|----------------|--|---|---------|--|--|--|--|
| | DESCRIPTION | STANDARDS | | MINIMUM REQUIREMENT / RANGE | RESULT REACHED | MARKING | | | | |
| FILTER DESIGNATION | Scale number | EN166:2001 (par. 5) | | | | 5 - 3,1 | | | | |
| BASIC REQUIREMENTS | Visible Light Transmission $	au_v$ | EN172:1994 + A1:2000 + A2:2001 (par. 4) | 17,8 % ÷ 8,0 % | | 13 % | | | | | |
| | | EN166:2001 (par. 7.1.2.1.2) | | On-going work | 1 | 1 | | | | |
| | Optical class | | | Intermittent work | | | | | | |
| | | | | Occasional work (not intended for prolonged use) | | | | | | |
| PARTICULAR REQUIREMENTS | | EN166:2001 (par. 7.2.2) | F | Low energy impact (45 m/s) | F | | | | | |
| | Protection against high speed particles | | В | Medium energy impact (120 m/s) | | F | | | | |
| | | | | High energy impact (190 m/s) | | | | | | |
| OPTIONAL REQUIREMENTS | Protection against high speed particles at extreme temperatures | EN166:2001 (par. 7.3.4) | | Protection against high speed particles at extreme temperatures (-5°C e +55°C) | COMPLIANT | т | | | | |
| | Resistance of the eyepieces to surface damage caused by fine particles | EN166:2001 (par. 7.3.1) | к | Reduced luminance factor $\leq 5 \frac{cd}{m^{2} \cdot lx}$ | $\begin{array}{c} \text{COMPLIANT} \\ \left(4,29 \frac{\text{cd}}{\text{m}^2 \cdot \text{lx}}\right) \end{array}$ | к | | | | |
| | Resistance to fogging of the eyepieces | EN166:2001 (par. 7.3.2) | | Resistance to fogging ≥ 8 s | COMPLIANT (14 s) | N | | | | |

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