












# ROTEXTEN

## Functional

<b>LENS</b>	<b>Material</b>	Polycarbonate		
	<b>Thickness</b>	2 mm		
	<b>Colour</b>	Clear		
	<b>Curvature</b>	9 		
	<b>Standards</b>	EN 166 - General standard EN 170 - Ultraviolet filters		
	<b>Marking</b>	2C-1,2  1 FT K N CE		
	<b>Treatments</b>	 <b>PLUS</b> 4,45 40(167-18)	Anti-scratch treatment PLUS	
 <b>PLUS</b> 18 s		Anti-fog treatment PLUS		
 <b>UV 400</b>		UV400 protection		
<b>FRAME</b>	<b>Material</b>	Front	Nylon	
		Temples	Nylon + TPR	
		Nase pad	TPR	
	<b>Marking</b>	 EN 166 FT CE		
	<b>Features</b>		Extendible temples	
			Adjustable temples	
			Adjustable nose pad	
			Soft nose pad	
			Soft ear pieces	
	<b>FURTHER TECHNICAL FEATURES</b>	<b>Weight</b>	29 g	
<b>Applications</b>		Mechanical indoor work with good visibility conditions.		

**HIGH OPTICAL QUALITY**



<b>PACKAGING</b>	Code		Quantity	
	<b>E002-B100</b>	Box	10 single-packed glasses	
	<b>E002-K100</b>	Carton	24 boxes (240 single-packed glasses)	

**SAFETY TECHNICAL FEATURES**

	DESCRIPTION	STANDARDS	MINIMUM REQUIREMENT / RANGE		RESULT REACHED	MARKING
<b>FILTER DESIGNATION</b>	Scale number	EN166:2001 (par. 5)	---		---	<b>2C - 1,2</b>
<b>BASIC REQUIREMENTS</b>	Visible Light Transmission $\tau_v$	EN170:2002 (par. 5)	100 % ÷ 74,4 %		92 %	---
	Optical class	EN166:2001 (par. 7.1.2.1.2)	1	On-going work	1	<b>1</b>
			2	Intermittent work		
3			Occasional work (not intended for prolonged use)			
<b>PARTICULAR REQUIREMENTS</b>	Protection against high speed particles	EN166:2001 (par. 7.2.2)	F	Low energy impact (45 m/s)	F	<b>F</b>
			B	Medium energy impact (120 m/s)		
			A	High energy impact (190 m/s)		
<b>OPTIONAL REQUIREMENTS</b>	Protection against high speed particles at extreme temperatures	EN166:2001 (par. 7.3.4)	T	Protection against high speed particles at extreme temperatures (-5°C e +55°C)	COMPLIANT	<b>T</b>
	Resistance of the eyepieces to surface damage caused by fine particles	EN166:2001 (par. 7.3.1)	K	Reduced luminance factor $\leq 5 \frac{\text{cd}}{\text{m}^2 \cdot \text{lx}}$	COMPLIANT $(4,45 \frac{\text{cd}}{\text{m}^2 \cdot \text{lx}})$	<b>K</b>
	Resistance to fogging of the eyepieces	EN166:2001 (par. 7.3.2)	N	Resistance to fogging $\geq 8$ s	COMPLIANT (18 s)	<b>N</b>