

# TecTor Spectacles with optional RX Adapter

## Technical Datasheet

### TecTor

- Developed for police, technical and military forces
- Very high impact resistance tested according to the military standard STANAG 2920
- The lens is resistant to caliber shot > 240 m/sec (Stanag 4296 §5,6)
- Full wrap-around design for maximum eye protection
- Highest optical quality
- Temple length adjustment allows perfect face adaptation
- Soft nose buds are comfortable and adjustable
- Soft temple ends keep spectacles from slipping
- Modern frame in black mat
- Lenses are coated both sides with durable, high performance OptiRock anti-fog coating with outstanding anti-scratch properties, EN 166 "KN" certified
- Premium UV400 protection for all lens colours, including clear !
- Lenses are available in various colours depending on the application
  - **Clear** lens provides maximum visual acuity and colour recognition. 100% protection UV-A-B-C
  - **Amber** lens filters blue scattered light to increase contrast in foggy or dusty environments. Depth perception and sharpness is enhanced. 100% protection UV-A-B-C
  - **Orange** lens offers the same contrast increasing feature as amber but blocks blue light and glare even more, recommended for outdoor applications. 100% protection UV-A-B-C
  - **Smoke** lens protects from excessive glare, high levels of hazardous visible light and UV-A-B-C radiation without distorting colour perception
- Every TecTor comes with a slip-on cord and a soft bag for perfect storage and cleaning



#### Robust enough to withstand multiple shots

Each TecTor version withstood minimum 3 shots >230 m/sec without penetration (Stanag 2920; calibre 3,6mm; bullet mass 0,325g test barrel cal..30)

### RX insert for prescription lenses

- An optional RX insert for prescription lenses is mounted a special nose bridge – can be easily clipped on TecTor
- Individual glazing by the optician of your choice (up to 3.5 dioptré)



## Technical Data

General	
<b>Weight</b>	34 g
<b>Temple length</b>	165-174 mm
<b>Overall width</b>	141 mm
<b>Lens thickness</b>	2.2mm
<b>Lens base</b>	6.75
<b>Lens size</b>	56mm vertical, 150mm diagonal
Materials & Colours	
All materials are REACH compliant	
<b>Lens</b>	Polycarbonate Colours: clear, amber, orange, smoke Coating: OptiRock high performance anti-fog coating with outstanding anti-scratch properties EN 166 ("N" & "K")
<b>Temples</b>	Polycarbonat, black mat
<b>Nose Pads</b>	PVC (without DEHP)
<b>Hinge</b>	Polycarbonate
<b>Screw</b>	Stainless steel
Markings / Approvals	
<b>Standard number</b>	EN 166
<b>Frame marking</b>	MSA EN 166-F CE
<b>Lens marking</b>	clear: 2C-1.2 MSA 1 F CE amber: 2-1.2 MSA 1 F CE orange: 2-1.7 MSA 1 F CE smoke: 5-2.5 MSA 1 F CE
<b>Filter class</b>	2C (Ultra violet radiation with enhanced colour recognition) 2 (Ultra violet radiation) 5 (Adequate protection against sun glare)
<b>Scale number</b>	1.2 (Luminous transmittance LT ~89%) clear; 1.2 (LT ~84%) amber; 1.7 (LT ~44%) orange; 2.5 (LT ~21%) smoke
<b>Optical class</b>	1 (best class, for permanent wear)
<b>Mechanical resistance</b>	Impact certified EN166 F Test report High impact protection >240 m/s Stanag 4296, paragraph 5/6
<b>UV Filter</b>	UV400 (UV A-B-C) for all lens colours

## Order Info

Each TecTor comes with a slip-on cord and a soft bag	
10158958	TecTor clear lens, OptiRock-coated, UV400 (12x)
10158960	TecTor smoke lens, OptiRock-coated, UV400 (12x)
10158971	TecTor, orange lens, OptiRock-coated, UV400 (12x)
10158959	TecTor, amber lens, OptiRock-coated, UV400 (12x)
10158972	TecTor-RX-Adapter with nose bridge (12x)
D8241079	Cleaning & Antifog Spray bottle 110 ml
D8133039	Wiping tissues 280 sheets
10058134	Spectacle Soft case (12x)
10081939	Spectacle Hard case (6x)
Packaging of Spectacle	
<b>Individual</b>	1 pc in polybag with manual and EAN code39 barcode
<b>Box</b> <i>MSA selling unit</i>	12 pcs with EAN code13 barcode
<b>Shipping carton</b>	contains 12 boxes, with an EAN code128 barcode



## Accessories

### Cleaning & Antifog Spray

- Every lens coating in the market loses its antifog properties after repeated cleaning
- With MSAs spray you add it every time you clean
- For MSA spectacle, goggle lens(s), visors
- Spray on lens(s) evenly, then remove the excess with a soft, lint-free cloth or the soft bag provided

### Spectacle Cases

- 2 optional cases for spectacles, both with zipper, velcro belt and hook
- Soft case, cushioned interior
- Robust hard case



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