

# SITRIX Cleanroom Goggles

## DESCRIPTION

These are goggles for use in rooms with controlled contamination such as sterile and clean rooms and working in aseptic conditions which includes, but not limited to chemical, pharmaceutical, electronic industries or hospital laboratories.

These goggles are developed to withstand multiple autoclave sterilization without perceptible alterations. The careful design allows a long time use and maximum transpiration, providing large field of view and use over all prescription glasses.

## FEATURES

- Sterilizable in autoclave in steam. Lens, frame and band can withstand 40 cycles of autoclave\* (121°C, 110kPa, 30mins)
- Lens are replaceable
- Frame is made of thermoplastic rubber which makes it stable even with multiple sterilization
- 11.8 mm wide Silicone strap with 2mm thickness adjustable strap length using a polycarbonate snap-on clip
- Indirect ventilation on top of goggles to protect against chemical splashes
- Compatible or can fit over most prescription glasses
- Meets Safety glass standard of "EN166 34 BT"

## APPLICATIONS

- Controlled or critical rooms that need eye protection



Item no:	DESCRIPTION	PC/ BAG
80231	CLEANROOM GOGGLES, AUTOCLAVABLE AND ANTI-FOG AND ANTI SCRATCH	1

# SITRIX Cleanroom Goggles

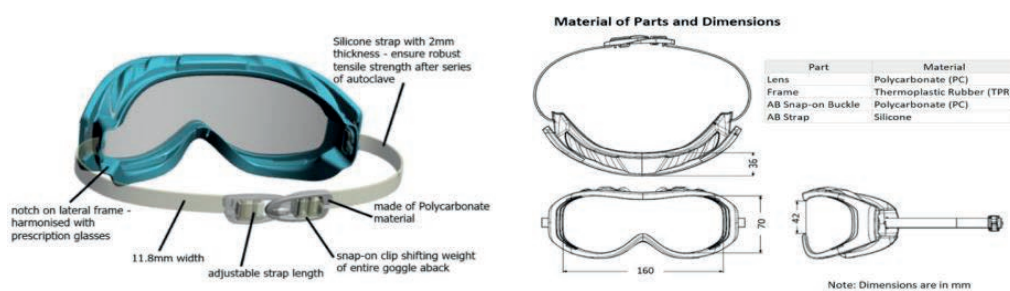
## TECHNICAL DATA

### I. Test Data Summary ( In accordance to EN 166:2016)

PARAMETER	RESULTS	REMARKS
Refractive Power (Mounted and Unmounted oculars covering both eyes)	PASS	Optical Class 1
Quality of Material and Surface	PASS	---
Increased Robustness (Type: Goggle)	PASS (55±2°C) PASS (-5±2°C)	5.1m/s 22mm 43g Drop Ball 1.3m
Stability at elevated Temperature	PASS	---
Protection against optical radiation	VLT: 88-90%	UV 295 nm
Protection against high-speed particles (Type: Goggle)	PASS	Medium Energy Impact (B) 120m.s ~400fps 6mm dia ball of 0.86g
Resistance to fogging of oculars	PASS	"N" marking req't: ≥8 (s)

*Note: \*Tested under laboratory conditions using only DI water to clean the lens*

### II. Goggle Features and Details



### III. Other Information

#### General Instructions:

- Ensure that the autoclave bag is large enough to allow some space between the lens and the plastic side of the bag to avoid over cramping the goggle. Do not over heat - the autoclave bag as excessive heat may cause water marks after autoclave.
- Wait for the bags to be completely cooled down before removing from the autoclave to prevent water stains.
- Do not use any chemical solvent on the lens/frame such as peracetic acid, alcohol, etc.

#### Cleaning Instructions:

- Thoroughly clean all surfaces with a mild soap solution and lukewarm water, then rinse.
- Dry with clean microfiber cloth.
- Do not use any chemical solvent on the lens/frame such as peracetic acid, alcohol, etc.

#### Storage Conditions:

- Store in a dry, cool place (<40°C) away from direct sunlight.
- Silicon strap will cause stubborn mark on lens coating when in contact. Minimize contact. Store properly.
- Frame deformation may happen during autoclave and after autoclave, when exposed to both heat and physical compression. Always carefully arrange the frames to avoid squeezing them onto one another prior to storage, especially when storing at higher than ambient room temperature.