

PRODUCT: SAFETY SPECTACLES

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CONFORMING TO EN 166 AND ANSI Z87.1

TECHNICAL DATA SHEET

1	GENERAL PARAMETERS	TYPE	Spectacles
		DESIGN	Frameless, Wraparound Spectacle
		APPLICATION	All Industrial Settings where Dust/Flying Particles Protection or Ultraviolet Protection is required
		LENS COLOUR OPTIONS	Clear, Smoked, Amber
		MECHANICAL HAZARD PROTECTION	Frontal, Lateral Impact Resistance Lateral Protection
		OPTICAL HAZARD PROTECTION	99.9% UV Protection
		MATERIALS	Lens – Polycarbonate Temples – Polycarbonate
		OPTICAL CLASS	Class I
		COATINGS	Hard Coated (Scratch Resistant)
2	VITAL TEST COMPLIANCE	MECHANICAL HAZARD PROTECTION	Resistance to Low Impact Energy of High Speed Particles at Extremes of Temperature Withstands the impact of a 6mm nominal diameter steel ball, weighing 0.86 gm at a speed of 45 m/s. The impacts are carried out after conditioning the eyewear to temperatures of (55 ± 2) °C and (-5 ± 2) °C
		OPTICAL HAZARD PROTECTION	99.9% UV Protection Transmittance (280-380 nm) < 0.1%
		OPTICAL POWER	Zero Power Lens Spherical Refractive Power within ± 0.06 Dioptre Astigmatic Refractive Power within 0.06 Dioptre