

PRODUCT: SAFETY SPECTACLES

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CONFORMING TO EN 166 AND ANSI Z87.1

1	GENERAL PARAMETERS	TYPE	Spectacles
		DESIGN	Framed, Wraparound Spectacle Integrated Side Shields with Adjustable Temple .
		APPLICATION	All Industrial Settings where Ultraviolet Protection is required and where there is high concentration of dust particles that stick to the lens.
		LENS COLOUR OPTIONS	Clear
		MECHANICAL HAZARD PROTECTION	Frontal, Lateral Impact Resistance Lateral Protection
		OPTICAL HAZARD PROTECTION	99.9% UV Protection
		MATERIALS	Lens – Polycarbonate Frame – Nylon
		OPTICAL CLASS	Class I
		COATINGS	Hard Coated (Scratch Resistant) Anti-Fog Coated Anti-Static Coated
2	VITAL TEST COMPLIANCE	MECHANICAL HAZARD PROTECTION	Resistance to Low Impact Energy of High Speed Particles Withstands the impact of a 06mm 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

		Also withstands the impact of a 22mm nominal diameter, weighing 44gm. When dropped from a height of 1.27 – 1.31 mtrs.
	OPTICAL HAZARD PROTECTION	99.9% UV Protection Transmittance (280-380 nm) < 0.1%
	CORROSION RESISTANCE	No Corrosion observed on metal parts of Spectacle when tested as per IS, CE & ANSI Standards.
	FLAME RESISTANCE	Spectacle did not ignited when tested as per ISI, CE & ANSI Standards.
	OPTICAL POWER	Zero Power Lens Spherical Refractive Power within ± 0.06 Dioptre Astigmatic Refractive Power within 0.06 Dioptre