

PRODUCT: SAFETY SPECTACLES

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CONFORMING TO EN 166 AND ANSI Z87.1

1	GENERAL PARAMETERS	TYPE 1	Spectacles
		DESIGN	Framed Spectacle Integrated Side Shields Adjustable Temple Length & Angle Flexible Temples
		APPLICATION	Gas Welding; Areas with Molten Metal; Furnace etc.
		LENS SHADE NUMBER	IR-5 for Gas Welding
		MECHANICAL HAZARD PROTECTION	Frontal, Lateral Impact Resistance Lateral Protection
		OPTICAL HAZARD PROTECTION	99.9% UV Protection IR Protection
		MATERIALS	Lens – Polycarbonate Frame – Nylon
		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 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 Max Spectral Transmittance 313 nm < 0.0003%; 365 nm < 0.3% IR Protection Mean Transmittance (780-1400 nm) < 3.2%

TECHNICAL DATA SHEET

VITAL TEST COMPLIANCE	OPTICAL POWER	Zero Power Lens Spherical Refractive Power within ± 0.06 Dioptre Astigmatic Refractive Power within 0.06 Dioptre
	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 .

ARE YOU
SAFE