

PRODUCT: SAFETY SPECTACLES

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CONFORMING TO EN 166 AND ANSI Z87.1

1	GENERAL PARAMETERS	TYPE	Spectacles
		DESIGN	Wraparound Spectacle Adjustable Temple Length Flexible Nose Pad and Temples
		APPLICATION	All Industrial Settings where Dust/Flying Particles Protection or Ultraviolet Protection is required and where light conditions change from normal to bright
		LENS COLOUR OPTIONS	Clear, Indoor-Outdoor
		MECHANICAL HAZARD PROTECTION	Frontal, Lateral Impact Resistance Lateral Protection
		OPTICAL HAZARD PROTECTION	99.9% UV Protection
		MATERIALS	Lens – Polycarbonate Temples/Nosepad – Nylon
		OPTICAL CLASS	Class I
		COATINGS	Hard Coated (Scratch Resistant)
2	VITAL TEST COMPLIANCE	MECHANICAL HAZARD PROTECTION	<p>Resistance to Low Impact Energy of High Speed Particles at Extremes of Temperature</p> <p>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.</p> <p>Also withstands the impact of a 22mm nominal diameter, weighing 44gm. When dropped from a height of 1.27 – 1.31 mtrs.</p>

	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
VITAL TEST COMPLIANCE	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.