TECHNICAL DATA SHEET

PRODUCT: SAFETY GOGGLES
REF. NO. : ES 009

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CONFORMING TO EN 166 AND ANSI Z87.1

1	**GENERAL PARAMETERS**	TYPE	Goggles
		DESIGN	Sealed Fit with Head Band Indirect Ventilation Over Prescription Glasses Wrap around design Fully Adjustable Elastic Head Band for snug fit Lightweight Single Lens
		APPLICATION	Industrial Settings where protection against Chemical and Liquid Splashes is required.
		LENS COLOUR OPTIONS	Clear, Smoked
		MECHANICAL HAZARD PROTECTION	Frontal, Impact Resistance
		OPTICAL HAZARD PROTECTION	99.9% UV Protection
		MATERIALS	Lens – Polycarbonate Shroud – PVC
		OPTICAL CLASS	Class I
		COATINGS	Hard Coated (Scratch Resistant) Anti-Fog Coated

2	**VITAL TEST COMPLIANCE**	MECHANICAL HAZARD PROTECTION	**Resistance to Medium Impact Energy of High Speed Particles** Withstands the impact of a 6mm nominal diameter steel ball, weighing 0.86 gm at a speed of 120 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. It provides the Protection against Molten Metals & Hot Solids. Shroud provides the Protection against Droplets and Splashes of Liquids. Shroud provides the protection against Large Dust Particles.
		OPTICAL HAZARD PROTECTION	**99.9% UV Protection** Transmittance (280-380 nm) < 0.1%
		RESISTANCE TO FOGGING	It remains free from fogging for a minimum of 08 seconds when tested as per standards.
		FLAME RESISTANCE TEST	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

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