

TECHNICAL DATA SHEET

PRODUCT : FULL BODY HARNESS

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CONFORMING TO EN 361:2002 EN 358:1999



Physical Parameters	General		■ Made up of 44 mm wide polyester webbing in combination of yellow and black colour. ■ One dorsal attachment D-Ring for fall arrest. ■ Two front textile loops used together for fall arrest. ■ Two lateral D-Rings at waist for work positioning. ■ Adjustable work positioning belt (RV-WPB-01/ 02/ 03) incorporated. ■ Adjustable shoulder, chest and thigh straps. ■ Sit strap for extra comfort. ■ Has a Tell-Tale indicator to illustrate if the harness has already had a fall.
		Weight	1780 gm $\pm$ 10 gm
Textile Components	Webbing	Material	Polyester
		Width	44 $\pm$ 1mm
		Breaking Strength	24 kN (Min.)
	Stitching Thread	Material	High-tenacity polyester.
		Colour	Yellow & Black (Contrasting colour to facilitate visual inspection).
Metallic Assembly		Material	High Strength Steel.
		Plating	Zinc Plated.
		Finish	Deburred and polished.
Vital Test Compliance	Static Strength	Harness	Tested at each attachment element with a force of 15 kN applied to the Torso Dummy for 3 min.
		Waist Belt	Lateral D-rings: Sustains a force of 15 kN of 1530 kgf for 3 minutes at each lateral element.
	Dynamic Performance	Harness	When tested at each Fall Arrest Attachment element with a torso dummy of 100 Kg mass, the full body harness withstands drop tests with an adjusted Free fall distance of 4 mtr.

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			One drop-test with torso dummy feet first, and one drop test with torso dummy head first. After each Drop-test, the torso dummy is arrested in Head-up position, and angle between the longitudinal axis of the dorsal plane of the torso dummy and the vertical is less than 50 degrees.
		Waist Belt	Lateral D-Rings: The Tower Harness sustains a free fall from 1 meter height donned to the test dummy at each attachment, and does not allow the dummy to be released.