

TECHNICAL DATA SHEET

PRODUCT : FULL BODY HARNESS

REF. NO. : RV-FBH-56

DOC. NO. : RV/TDS/FBH/56

ISSUE : 01-19

REVISION : 01

DATE : 02-09-2019

CONFORMING TO EN 361:2002

EN 358:1999 & EN 813:2008



Physical Parameters	General		- One dorsal D-Ring for fall arrest. - One chest attachment (sternal) D-Ring for fall arrest. - One ventral D-Ring at abdomen for rope access. - Two lateral D-Rings at waist for work positioning. - Adjustable shoulder, thigh straps and waist belt. - The shoulder, waist & the thigh straps are provided with a soft padding for best possible comfort.
		Weight	2000 gm $\pm$ 10 gm
Textile Components	Webbing	Material Width Breaking Strength	Polyester 44 $\pm$ 1mm 23 kN (Min.)
	Stitching Thread	Material Colour	High-tenacity polyester. Yellow & Black (Contrasting colour to facilitate visual inspection).
Metallic Assembly		Material Plating Finish	High Strength Steel. Zinc Plated. Deburred and polished.
Vital Test Compliance	Static Strength	Harness Work Positioning	Tested at each attachment element with a force of 15 kN applied to the Torso Dummy for 3 min. Lateral D-Rings - Sustains a force of 15 kN or 1530 kgf for 3 minutes at each lateral element.

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	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. Fall distance of 4 mtr, without releasing the torso dummy. (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 a 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.
		Work Positioning	Lateral D-Rings - The 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.