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REVOLTA POSITIONING HARNESS PN 44(OR)



CERTIFIED TO EN 361:2002 AND EN 358:2018

1	PHYSICAL PARAMETERS	GENERAL		<ul style="list-style-type: none"> This Full body harness is made up of 44 mm wide highly UV rays resistant polyester webbing. Repel technology webbing provides excellent resistance from oil, water and dirt. One dorsal and one Sternal attachment D-Ring for fall arrest. Provided with two lateral D-Rings at waist for work positioning. Soft padded Work positioning belt incorporated. Has adjustable Shoulder, Thigh and Chest straps. Has Sit strap for extended comfort.
			WEIGHT	2.24 Kg ± 10 gm
2	TEXTILE COMPONENTS	WEBBING	MATERIAL	Polyester
			WIDTH	44 mm ± 1 mm
			BREAKING STRENGTH	25 kN (Min.)
		STITCHING THREAD	MATERIAL	High-tenacity polyester.
COLOR	Black and Yellow color (Contrasting color to facilitate visual inspection)			
3	METALLIC ASSEMBLY	D-RING	MATERIAL	Aluminium Alloy
			BREAKING STRENGTH	23 kN
			FINISH	Natural Silver/Colored, Anodized
		BUCKLES AND FRAMES	MATERIAL	Stainless Steel
			FINISH	Free of sharp edges. Capable of taking 50 hrs of neutral salt spray testing.

4	VITAL TEST COMPLIANCE	STATIC STRENGTH (AS PER EN 361:2002 AND EN 358:2018)	HARNESSES	Tested at each attachment element with a force of 15 kN applied between the point of Torso Dummy and with the Harness for 3 min.
			WAIST BELT	Sustains a force of 15 kN or 1530 kgs for 3 minutes at lateral elements without releasing the cylinder.
		DYNAMIC PERFORMANCE (AS PER EN 361:2002 AND EN 358:2018)	HARNESSES	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 m. 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	Sustained a free fall from 1 meter height donned to the test dummy at each lateral attachment and does not allow the dummy to be released.