

DOC. NO.	REVISION	ISSUE	DATE
QF/RD/05	03	01	30-12-22



# VEST HARNESS PN 20(RO)



**CERTIFIED TO EN 361:2002**

1	PHYSICAL PARAMETERS	GENERAL		<ul style="list-style-type: none"> <li>• Fluorescent Orange color Vest harness with multiple pockets and adjustable Double Durable Zip System.</li> <li>• Has inside pocket for storage of leg straps when not in use.</li> <li>• Has a velcro stitched on the D-Ring window provided at the back of the Vest for preventing it from slipping into the vest.</li> <li>• Consisting of a dorsal D-ring and two front textile loops for fall arrest.</li> <li>• Adjustable chest, shoulder and thigh straps.</li> <li>• Sit strap for extended comfort.</li> </ul>
			WEIGHT	1.82 Kg ± 10 gm
2	TEXTILE COMPONENTS	JACKET CLOTH	MATERIAL	Poly-Cotton
			MATERIAL	Polyester
		WEBBING (STRAPS)	WIDTH	44 mm ± 1 mm
			BREAKING STRENGTH	24 kN (Min.)
		STITCHING THREAD	MATERIAL	High-tenacity polyester
			COLOR	Orange color (Contrasting color to facilitate visual inspection)
3	METALLIC ASSEMBLY	BUCKLES, FRAMES & D-RING	MATERIAL	High Strength Steel
			PLATING	Zinc Plated
			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	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.
		DYNAMIC PERFORMANCE	AS PER EN 361:2002	<p>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.</p> <p>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.</p>