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**KARAM**<sup>®</sup>

ALVA  
GROUP

## VEST HARNESS PN 20(RG)



CE

CERTIFIED TO EN 361:2002

|   |                     |                          |                   |   |
|---|---------------------|--------------------------|-------------------|---|
| 1 | PHYSICAL PARAMETERS | GENERAL                  |                   | <ul style="list-style-type: none"> <li>Fluorescent light green 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 it.</li> <li>Consists 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            | 1.8 Kg ± 10 gm  |
| 2 | TEXTILE COMPONENTS  | JACKET CLOTH             | MATERIAL          | Poly-Cotton   |
|   |                     | WEBBING (STRAPS)         | MATERIAL          | Polyester   |
|   |                     |                          | WIDTH             | 44 mm ± 1 mm  |
|   |                     |                          | BREAKING STRENGTH | 25 kN (Min.)  |
|   |                     | STITCHING THREAD         | MATERIAL          | High-tenacity polyester   |
|   |                     |                          | COLOR             | Green 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 | 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.<br><br>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. |