

PRODUCT : TOWER HARNESS
REF. NO. : PN 56

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CONFORMING TO EN 361: 2002,
EN 358:1999 & EN 813:2008



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|---|------------------------------|-----------------|-------------------|---|
| 1 | PHYSICAL PARAMETERS | GENERAL | | <ul style="list-style-type: none"> • 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 & waist belt. • The shoulder, waist & the thigh straps are provided with a soft padding for best possible comfort. |
| | | | WEIGHT | 2000 gm ± 10 gm |
| 2 | TEXTILE COMPONENTS | WEBBING | MATERIAL | Polyester |
| | | | WIDTH | 44 ± 1mm |
| | | | BREAKING STRENGTH | 23 kN (Min.) |
| | | STITCHING | MATERIAL | High-tenacity polyester. |
| | | THREAD | COLOUR | Black & Green (Contrasting colour to facilitate visual inspection). |
| 3 | METALLIC ASSEMBLY | | MATERIAL | High Strength Steel. |
| | | | PLATING | Zinc Plated. |
| | | | FINISH | Deburred and polished. |
| 4 | 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. |
| | | | WORK POSITIONING | LATERAL D-RINGS: Sustains a force of 15 kN or 1530 kgf for 3 minutes at each lateral element. |





TECHNICAL DATA SHEET

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| | DYNAMIC PERFORMANCE | HARNESSES | <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 mtr.</p> <p>Fall distance of 4 m, 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.</p> |
| | | WORK POSITIONING | <p>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.</p> |

