

TECHNICAL DATA SHEET

**PRODUCT : FORKED LANYARD WITH
ENERGY ABSORBER**

REF. NO.: RV-FWL-TOWER HOOK

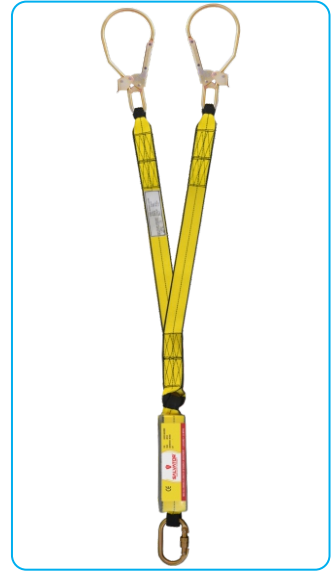
DOC. NO. : RV/TDS/FWL/TOWER HOOK

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**CONFORMING TO EN 355:2002
with Combination Certification +VG 11/PFE 63
(Additional Static Strength Test)**



Physical Parameters	General		- Y shaped double leg webbing lanyard. - Made up of 44mm wide polyester webbing with both textile loops. - Webbing lanyard incorporated with Energy Absorber (RV-EA-300). - One side of the lanyard equipped with Karabiner (RV-SL-112) equipped with - Energy absorber and other sides of the lanyards equipped with two Tower Hook (RV-TH-132).
		Weight	1.5 meter : 1696 gm $\pm$ 10 gm 1.8 meter : 1750 gm $\pm$ 10 gm 2.0 meter : 1760 gm $\pm$ 10 gm
Textile Components	Webbing	Material Width Breaking Strength	High tenacity polyester 44 $\pm$ 1 mm 24 kN (min.)
	Stitched Thread	Material Colour	High tenacity polyamide Black (Contrasting colour to facilitate visual inspection)
Metallic Assembly	Karabiner RV-SL-112	Material Breaking Strength Finish	Alloy Steel 25 kN (min.) Silver/Golden Yellow Galvanized
	Tower Hook RV-TH-132	Material Breaking Strength Minimum Opening Finish	Forged Alloy Steel 25 kN (min.) 85mm Silver/Golden Yellow Galvanized

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Vital Test Compliance	Static Strength	Conformity	When tested for Static pre-loading, the permanent extension caused by activation of the Energy absorber after pre-loading with 2 kN is not greater than 50mm. Sustains a force of 15 kN for 3 minutes without separating, tearing or rupture of the lanyard or any element connected to it.
	Dynamic Performance	Conformity	Maximum breaking force does not exceed 6 kN in the line when tested on giving free fall (of length twice the length of the lanyard) attached to a rigid test mass of 100 kg after raising the mass to its maximum height.