

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



DIENOC ENERGY ABSORBING FORKED WEBBING LANYARD

PN 360(30)(DE)



CERTIFIED TO EN 355:2002, IS 3521(PART-2):2021 AND VG11/RfU SHEET 63

1	PHYSICAL PARAMETERS	GENERAL		<ul style="list-style-type: none"> • Double Y-Shaped Lanyard • Made up of 30 mm wide polyester webbing with both textile loops. • Webbing lanyard incorporated with Energy Absorber (PN 300). • One side of the lanyard is equipped with Webbing loop while the other two ends equipped with Dielectric Scaffold Hook (PN 166).
			WEIGHT	1.0 m : 1.60 kg ± 10 gm 1.5 m : 1.67 kg ± 10 gm 1.8 m : 1.70 kg ± 10 gm
2	TEXTILE COMPONENTS	WEBBING	MATERIAL	High tenacity polyester
			BREAKING STRENGTH	25 kN (min.)
			WIDTH	30 ± 1 mm
3	METALLIC ASSEMBLY	DIELECTRIC SCAFFOLD HOOK (PN 166)	MATERIAL	Specially compounded material with steel reinforcement
			BREAKING STRENGTH	23 kN
			FINISH	Black
			DIELECTRIC RESISTANCE	14 Kv Min.
4	VITAL TEST COMPLIANCE	STATIC PRELOADING TEST REQUIREMENTS	EN 355:2002 AND IS 3521(PART-2):2021	When tested for Static pre-loading, the permanent extension caused by activation of the energy absorber after pre-loading with 2kN is not greater than 50mm(as per EN 355:2002)/40mm(As per IS 3521(Part-2):2021).
		STATIC STRENGTH TEST	EN 355:2002 AND IS 3521(PART-2):2021	Fully developed E.A lanyard 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 TEST	EN 355:2002 AND IS 3521(PART-2):2021	Maximum breaking force does not exceed 6 kN in the line when tested on giving free fall of 4 meters to a rigid test mass of 100 kg after raising the mass to its maximum height.