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## FLANIL FLAME RESISTANT E.A. FALL ARREST LANYARD PN 328(FR)



**CERTIFIED TO EN 355:2002, EN ISO 9150:1988, EN ISO 15025:2002 AND IS 3521(PART-2):2021**

1	PHYSICAL PARAMETERS	GENERAL		<ul style="list-style-type: none"> <li>Flame resistant webbing lanyard incorporated with Energy Absorber (PN 300(FR)); Steel Screw Locking Karabiner (PN 112) on one side and Steel Scaffold Hook (PN 131N) at the other end.</li> <li>Made up of special Flame-Resistant fiber and can withstand temperatures of up to 700°F/371°C without any damage.</li> <li>Equipped with Energy absorber in 44 mm wide webbing which reduces the impact of the fall to less than 6 kN. Covered by a special flame-resistant tubular sleeve.</li> </ul>
			WEIGHT	1.0 m: 1.05 kg ± 10 gm 1.5 m: 1.10 kg ± 10 gm 1.8 m: 1.13 kg ± 10 gm 2.0 m: 1.15 kg ± 10 gm
2	TEXTILE COMPONENTS	WEBBING	MATERIAL	Aramid
			WIDTH	44 mm ± 1 mm
			BREAKING STRENGTH	30 kN (Min.)
		STITCHING THREAD	MATERIAL	Kevlar
3	METALLIC ASSEMBLY	KARABINER (PN 112)	MATERIAL	Alloy Steel
			BREAKING STRENGTH	25 kN (Min.)
			FINISH	Galvanized with Golden Yellow/ Silver passivation
		STEEL SCAFFOLD HOOK (PN 131N)	MATERIAL	Alloy Steel
			BREAKING STRENGTH	25 kN (Min.)
			FINISH	Galvanized with golden yellow/ silver passivation

4	VITAL TEST COMPLIANCE	STATIC PRELOADING TEST	AS PER EN 355:2002, IS 3521(PART-2):2021, EN ISO 9150:1988 AND EN ISO 15025:2002	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	AS PER EN 355:2002, IS 3521(PART-2):2021, EN ISO 9150:1988 AND EN ISO 15025:2002	Sustains a force of 15 kN for 3 minutes without separating, tearing or rupture of the lanyard or any element connected to it. Flame retardant webbing has been strength tested after being exposed to a small molten metal splash test according to ISO 9150:1988. The webbing has also been tested in accordance with EN ISO 15025:2002.
		DYNAMIC PERFORMANCE	AS PER EN 355:2002, IS 3521(PART-2):2021, EN ISO 9150:1988 AND EN ISO 15025:2002	Maximum Impact does not exceed 6 kN in the line when tested on giving free fall of 4 m height attached to a rigid test mass of 100 kg after raising the mass to its maximum height.