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# FLANIL FLAME RESISTANT E.A. FORKED EXPANDABLE FALL ARREST LANYARD PN 371(FR)



IS 3521(Part 2):2021  
CE CM/L 8300145713

**CERTIFIED TO EN 355:2002, VG 11/RfU SHEET 63, EN ISO ISO 9150:1988 AND EN ISO 15025:2002 AND IS 3521(PART-2):2021**

1	PHYSICAL PARAMETERS	GENERAL		<ul style="list-style-type: none"> <li>Y shaped 44 mm wide Flame-Resistant Elasticated Webbing Lanyard incorporated with Energy absorber equipped with Steel Screw Locking Karabiner (PN 112) on one side and two Steel Scaffold Hooks (PN 131N) on the other two sides.</li> <li>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> <li>Made of special fiber which is Flame Resistant and can with stand temperatures of up to 700°F/371°C without any damage.</li> <li>Expandable length: 2.0m</li> <li>Relaxed length: 1.4m to 1.6m</li> </ul>
			WEIGHT	1.73 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	STEEL SCREW LOCKING 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 AND IS 3521(PART-02):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	AS PER EN 355:2002, 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, 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.