



PSN FR Personnel Safety Net Assembly

Description

Personnel Safety Nets (PSN) are made from #120 industrial grade high tenacity polyamide with 3-1/2 inch diamond mesh for high impact shock absorption. All netting is treated with inhibitors that protect it from wear and tear as well as ultraviolet degradation.

The net is bordered with 1/2 inch Nylon synthetic rope. Forged #120 snap hooks are spaced every 3 ft on long sides and 2 ft at ends. The net and border rope are assembled with steel wire fasteners.

Fine mesh liners may be added to the PSN assembly for debris containment. PSN's ANSI A10.37 rating for debris containment is 4,000 ft-lb.

Personnel Safety Nets are rated to withstand a test force of 17,500 lb-force for fall protection, and are certified to meet the requirements of ANSI A10.11, and all applicable OSHA safety rules and regulations.



System Specifications

Model Number	PSNC FR
Size (Length & Width)	Custom L x W
Snap Hook Spacing	36 inch OC Length 24 inch OC Width
Border Fasteners	Steel Alloy 15 gauge
PSN Identification Tag	Laser-etched Aluminum
System Dynamic Drop Tests	17,500 ft-lb (23730 N-m) ANSI A10.11-2025 350 lb at 50 ft 8,000 ft-lb (10846 N-m) ANSI A10.37-2016 350 lb at 22.9 ft
Debris Containment Rating	4,000 ft-lb (5423 N-m) ANSI A10.37-2016
UV Rating	300 kLy
Color	Black

Component Specifications

Netting	PSN 120x7 FR
Fiber	Industrial Grade High Tenacity Nylon, Bonded
Style	Knotted Nylon Twine
Cord Diameter	#120 (5 mm)
Mesh Size	3-1/2 in (90 mm) 7 in (180 mm) stretched
FR Rating	NFPA-701 Test Method 2
Border Rope	RNY3S050BK FR
Fiber	Solution-dyed Nylon
Style	3-strand twisted
Diameter	0.5 in (12 mm)
Min. Tensile Strength	6,700 lb (3039 kg)
FR Rating	NFPA-701 Test Method 2
Snap Hook	SH120ZP
Material	Zinc Plated Steel
Overall Length	4.72 in (120 mm)
Strength	1,980 lbf minimum