GUARDIAN
FALL PROTECTION



Product Name: Debris Netting

Part #: 70001; 70002; 70003; 70004; 70005; 70006; 70007; 70008; 70009; 70010; 70014; 70015

Instruction Manual

Do not throw away these instructions!
Read and understand these instructions before using equipment!

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Introduction

Thank you for purchasing Guardian Fall Protection Debris Netting. This manual must be read and understood in its entirety, and used as part of an employee training program as required by OSHA or any applicable state agency.

This and any other included instructions must be made available to the user of the equipment. The user must understand how to safely and effectively use the Debris Netting, and all fall safety equipment used in combination with the Debris Netting.

User Information	
Date of First Use:	_____
Serial #:	_____
Trainer:	_____
User:	_____

Applicable Safety Standards

When used according to instruction specifications, this product meets or exceeds all applicable OSHA 1926 Subpart M and OSHA 1910 standards for fall protection. Applicable standards and regulations depend on the type of work being done, and also might include state-specific regulations. Consult regulatory agencies for more information on fall protection systems and associated components.

Worker Classifications

⚠ CAUTION Understand the following definitions of those who work near or who may be exposed to fall hazards.

Qualified Person: A person with an accredited degree or certification, and with extensive experience or sufficient professional standing, who is considered proficient in planning and reviewing the conformity of fall protection and rescue systems.

Competent Person: A highly trained and experienced person who is ASSIGNED BY THE EMPLOYER to be responsible for all elements of a fall safety program, including, but not limited to, its regulation, management, and application. A person who is proficient in identifying existing and predictable fall hazards, and who has the authority to stop work in order to eliminate hazards.

Authorized Person: A person who is assigned by their employer to work around or be subject to potential or existing fall hazards.

It is the responsibility of a Qualified or Competent person to supervise the job site and ensure all applicable safety regulations are complied with.

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Product Specific Applications

WARNING Use of equipment in unintended applications may result in serious injury or death. NEVER make any connections to netting systems.

Fall Prevention: Debris Netting may be used in Fall Prevention applications ONLY. Fall Prevention Systems are placed around the leading edges of any and all fall hazards to prevent a worker from going over an edge, and may be used in substitute of Fall Protection systems. Installation requirements for Debris Netting set forth in this manual MUST be adhered to. Personal Fall Arrest, Work Positioning, Climbing, Rescue, and any other systems must NEVER be connected to Fall Prevention Systems.

WARNING NEVER lean or climb on netting systems.

Surfaces more than 6' above lower levels require the use of a Fall Prevention or Fall Protection system.

Components and Specifications

Materials: Polyethylene, stainless steel, and plastic.



Debris Netting



Netting Plate



Netting Clip

*Steel cable is not included standard with Debris Netting. Cable MUST be a minimum 1/4" in diameter, and must allow Netting Clips to fully close and lock as indicated by this instruction manual. Competent Person must determine steel cable compatibility.

GUARDIAN FALL PROTECTION

Installation and Use

Prior to installation, plan your system:

1. Top of Debris Netting System MUST be minimum 42" above the work surface.

2. 8" of netting must be allocated to serve as a "Netting Skirt" that will fold in toward work surface. Ensure bottom of Debris Netting will reach work surface without stressing steel support cabling, and without limiting the 8" Netting Skirt on which Netting Plates will be installed.

3. Ensure Debris Netting System will fully block all fall hazards.

4. Toeboards are not required for use with Debris Netting. If toeboards are desired, they must fully span the length of the entire Debris Netting System.

Wind load rating: If Debris Netting is to be used in combination with free standing guardrail system, DO NOT USE if potential exists for exposure to wind gusts greater than 40 MPH.

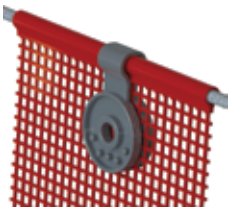
WARNING ONLY use Debris Netting for Fall Prevention applications. ONLY install Debris Netting perpendicular to work surface.

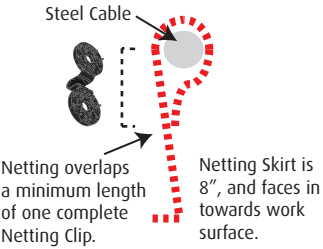
Installation:

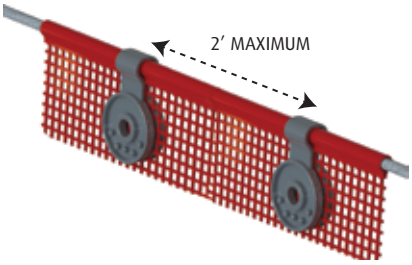
1. Fully install steel support cabling. Steel cable MUST be selected, installed, and deemed compatible with Debris Netting by a Competent Person.

2. Attach Debris Netting to steel support cable. On one extreme end of cable, wrap top of Debris Netting over steel cable so Debris Netting overlaps a minimum distance of the length of one Netting Clip. Ensure Netting Skirt faces in towards work surface. Secure Netting Clip over steel support cabling and through Debris Netting.

3. At MAXIMUM 2' intervals, continue connecting Debris Netting Clips. Ensure Netting Clips are fully closed and locked over steel support cabling and through Debris Netting.







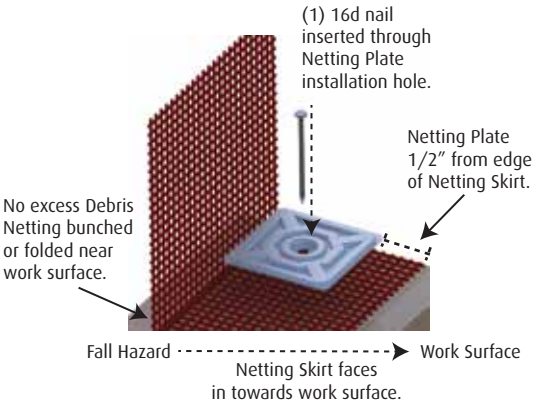


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4. On one extreme end of Debris Netting System, install a Netting Plate. Netting Plate MUST lie flush with substrate.

5. Netting Plates MUST be positioned 1/2″ from edge of 8″ Netting Skirt.

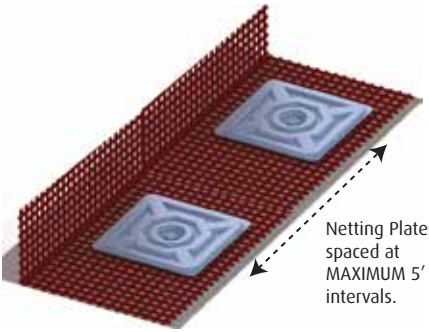
6. While firmly holding Netting Plate and Netting Skirt in place, install (1) 16d nail into Netting Plate installation hole. Nail MUST be fully embedded into substrate. Fastener other than 16d nail may be used, provided that Competent Person determines selected fastener is compatible with Netting Plate, and is equal or greater in strength to 16d nail.



7. At MAXIMUM 5′ intervals, continue installing Netting Plates across entire Debris Netting System.

8. When combining multiple Debris Netting Systems, systems MUST overlap a MINIMUM 18″. At least 2 Netting Clips MUST be installed through overlapping netting systems, one at each corner of overlap.

9. Debris Netting Systems may be completely uninstalled and reused at new locations. Prior to reusing, fully inspect entire system, and ensure the system is undamaged. ALWAYS use new fasteners for each new Netting Plate installation.





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Maintenance, Cleaning, and Storage

If Debris Netting fails inspection in any way, immediately remove it from service, and contact Guardian to inquire about its return or repair.

Cleaning after use is important for maintaining the safety and longevity of Debris Netting. Remove all dirt, corrosives, and contaminants from Debris Netting before and after each use. If Debris Netting cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean Debris Netting with corrosive substances.

When not in use, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

Inspection

Prior to EACH use, inspect Debris Netting for deficiencies, including, but not limited to, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint buildup, excessive heating, alteration, and missing or illegible labels. IMMEDIATELY remove Debris Netting from service if defects or damage are found.

Ensure that applicable work area is free of all damage, including, but not limited to, debris, rot, rust, decay, cracking, and hazardous materials. Ensure that selected work area will support the application-specific minimum loads set forth in this instruction manual. Work area MUST be stable.

At least every 6 months, a Competent Person other than the user must inspect Debris Netting. **Competent Person inspections MUST be recorded in inspection log in instruction manual and on equipment inspection grid label. The Competent Person must sign their initials in the box corresponding to the month and year the inspection took place.**

During inspection, consider all applications and hazards Debris Netting has been subjected to.

Inspection Log

Date of First Use: _____.

Product lifetime is indefinite as long as it passes pre-use and Competent Person inspections. User must inspect prior to EACH use. Competent Person other than user must complete formal inspection at least every 6 months. Competent Person to inspect and initial.

This inspection log must be specific to one Debris Netting. Separate inspection logs must be used for each Debris Netting. All inspection records must be made visible and available to all users at all times.

	J	F	M	A	M	J	J	A	S	O	N	D
YR												
YR												
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YR												

If equipment fails inspection IMMEDIATELY REMOVE FROM SERVICE.

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Safety Information

WARNING

Failure to understand and comply with safety regulations may result in serious injury or death. Regulations included herein are not all-inclusive, are for reference only, and are not intended to replace a Competent Person's judgment or knowledge of federal or state standards.

Do not alter equipment. Do not misuse equipment.

Workplace conditions, including, but not limited to, flame, corrosive chemicals, electrical shock, sharp objects, machinery, abrasive substances, weather conditions, and uneven surfaces, must be assessed by a Competent Person before fall protection equipment is selected.

The analysis of the workplace must anticipate where workers will be performing their duties, the routes they will take to reach their work, and the potential and existing fall hazards they may be exposed to. Fall protection equipment must be chosen by a Competent Person. Selections must account for all potential hazardous workplace conditions. All fall protection equipment should be purchased new and in an unused condition.

Fall protection systems must be selected and installed under the supervision of a Competent Person, and used in a compliant manner. Fall protection systems must be designed in a manner compliant with all federal, state, and safety regulations. Forces applied to anchors must be calculated by a Competent Person.

Unless explicitly stated otherwise, the maximum allowable free fall distance for lanyards must not exceed 6'. No free fall allowed for non-LE SRLs. Class A SRLs must arrest falls within 24"; Class B SRLs must arrest falls within 54".

Harnesses and connectors selected must be compliant with manufacturer's instructions, and must be of compatible size and configuration. Snap hooks, carabiners, and other connectors must be selected and applied in a compatible fashion. All risk of disengagement must be eliminated. All snap hooks and carabiners must be self-locking and self-closing, and must never be connected to each other.

A pre-planned rescue procedure in the case of a fall is required. The rescue plan must be project-specific. The rescue plan must allow for employees to rescue themselves, or provide an alternative means for their prompt rescue. Store rescue equipment in an easily accessible and clearly marked area.

Training of Authorized Persons to correctly erect, disassemble, inspect, maintain, store, and use equipment must be provided by a Competent Person. Training must include the ability to recognize fall hazards, minimize the likelihood of fall hazards, and the correct use of personal fall arrest systems.

NEVER use fall protection equipment of any kind to hang, lift, support, or hoist tools or equipment, unless explicitly certified for such use.

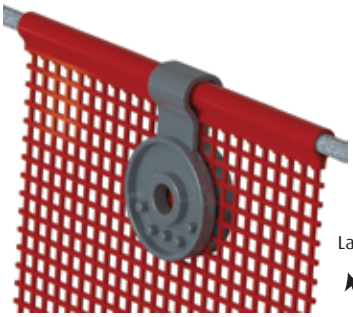
Equipment subjected to forces of fall arrest must immediately be removed from use.

Age, fitness, and health conditions can seriously affect the worker should a fall occur. Consult a doctor if there is any reason to doubt a user's ability to withstand and safely absorb fall arrest forces or perform set-up of equipment. Pregnant women and minors must not use this equipment.

Physical harm may still occur even if fall safety equipment functions correctly. Sustained post-fall suspension may result in serious injury or death. Use trauma relief straps to reduce the effects of suspension trauma.

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Labels



Label clipped to netting.

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ITEM NAME:

SIZE:

COLOR:

MADE IN KOREA
90655 (Rev. A)

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