Safety Netting, Dielectric Net and Industrial Net Systems

TECHNICAL DATA SHEETS

Industrial Safety Netting
Mining and Tunnelling Construction
Machine Guarding Safety Nets
Dielectric Safety Net
Debris Safety Netting
Lifting Cargo Nets

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Vision
Quality, safety and sustainability are essential to us; we take people's lives to heart. After more than 40 years of design and manufacturing, our passion continues to be the difference. The team at Barry strongly believes in advancing the safety and quality of our products through continuous R&D and testing.

Products and services bearing the Barry Quality & Safety Seal reflect our commitment, unique expertise and innovative solutions in rope and net systems. By keeping safety and quality at the forefront of our business model, Barry has remained an industry-leading producer of high-quality products designed to excel in the harshest environments.

Mission
Barry designs, manufactures and transforms high quality textile-based products and services aimed at protecting people and assets.

Barry listens to the industry's requirements and finds the most appropriate and cost effective solution. We are your solution finder!
About Barry

Established in 1978, Barry Cordage Ltd. designs, manufactures and distributes an extensive range of textile-based products and systems across the globe, while affiliate company Barry USA Inc. serves the U.S. market.

At any given time on the seven continents, hundreds of lives are being protected, preserved and saved by Barry products, systems and services.

Our products are aimed at protecting people and assets, and we are recognized worldwide for our high-quality products, excellent service and knowledgeable customer support.

The Barry team is driven by passion for innovation, safety and quality. Our highly-skilled team receives ongoing technical training, and our state-of-the-art production processes, materials and techniques ensure that only products of the highest quality leave our facilities.

Barry Markets

Companies and government agencies around the world choose Barry products and services for our expertise, quality of workmanship and service. Our diverse products and systems are used in over 70 countries around the world, in a wide range of industries.

We specialize in developing custom solutions to complex problems in the following markets:

- Aeronautical & Aerospace
- Defence & Military
- Utilities & Energy
- Mining
- Oil & Gas
- Industrial Manufacturing
- Fall Protection
- Geophysical Exploration
- Marine and Off-Shore
- Safety & Rescue Response
- Worksite Safety
- Infrastructure & Transport
- Construction
- Product Testing / R&D
- Commercial Diving
- Sport Safety
- Entertainment & Theatrical
- Pharmaceutical
- Design and Architecture
- Public Safety
This polyester fiber mesh netting with flexible PVC coating and sewn webbing border has the required characteristics to be part of safety systems in an industrial environment.

Applications:
- Machine guarding
- Conveyor protection nets
- Debris screening
- Securing concrete structures

SPECIFICATIONS
- Polyester mesh
- Coated with flexible PVC
- Flame resistant (NFPA 701 (2004) Test 1 and Test 2 Flammability)
- UV resistance: Excellent
- Colors: Black, white (Other colors available upon request)
- Finishing: Sewn webbing
- Available in widths of 150 cm (60’’) or 180 cm (72’’)(Assemblies possible for larger widths)

Dyneema® est une marque de commerce de Royal DSM N.V.
This polyester fiber mesh netting is lightweight and available in different width options, which make it easy to install.

**Applications**
- Securing concrete structures (specified by MTQ)
- Debris screening
- Gymnasium screen
- Divider curtains
- Decoration

**SPECIFICATIONS**
- 100% polyester fiber
- Colors: Black, grey, white (Other colors available on request)
- Width: 120 cm (48”), 150 cm (60”), 245 cm (96”) or 300 cm (120”)
- Finishing (F7): Sewn webbing border
This polyester fiber mesh netting is lightweight and available in different width options, which make it easy to install.

**Applications**
- Securing concrete structures (specified by MTQ)
- Debris screening
- Gymnasium screen
- Divider curtains
- Decoration

**SPECIFICATIONS**
- 100% polyester fiber
- Colors: Black, grey, white (Other colors available on request)
- Width: 120 cm (48"), 150 cm (60"), 245 cm (96"") or 300 cm (120"")
- Finishing (F7) : Sewn webbing border
- Finishing (C9) : Grommets
TECHNICAL DATA SHEET

# NP-FN100-0.75-F7
Safety Net Panel - Light Duty

Safety and protection net panel for general, industrial, commercial, institutional and sport use.

Can be used vertically or horizontally to decelerate or stop lightweight objects.

SPECIFICATIONS

- Knotless nylon netting
- Standard color: White
  (Other colors and coatings available on request)
- Square mesh size: 19 mm (0.75”)
- Finishing (F7): Sewn webbing border
- Customized with dyes and/or urethane or fire retardant coatings on request
Safety and protection net panel for general, industrial, commercial, institutional and sport use.

Can be used vertically or horizontally to decelerate or stop medium weight objects.

SPECIFICATIONS

- Knotless nylon netting
- Standard color: Black
  (Other colors and coatings available on request)
- Square mesh size: 45 mm (1.75’’)
- Finishing (F7): Sewn webbing border
- Customized with dyes and/or urethane or fire retardant coatings on request
TECHNICAL DATA SHEET

# NP-FN700-2.5-F7
Safety Net Panel - Heavy Duty

Safety and protection net panel for general, industrial, commercial, institutional and sport use.

Can be used vertically or horizontally to decelerate or stop heavy weight or high-velocity objects.

SPECIFICATIONS

- Knotless nylon netting
- Standard color: Black (Other colors and coatings available on request)
- Square mesh size: 64 mm (2.5”)
- Finishing (F7): Sewn webbing border
- Customized with dyes and/or urethane or fire retardant coatings on request
TECHNICAL DATA SHEET
# NP-FN700-2.5-F4/C1
Safety Net Panel - Heavy Duty Plus

Safety and protection net panel for general, industrial, commercial, institutional and sport use.

Can be used vertically or horizontally to decelerate or stop heavy weight or high-velocity objects.

SPECIFICATIONS
- Knotless nylon netting
- Standard color: Black
  (Other colors and coatings available on request)
- Square mesh size: 64 mm (2.5’’)
- Finishing (F4): 1/2” Poly-12 rope border (rope in/out)
- Finishing (C1): Corner thimbles provide reinforced anchor points
- Customized with dyes and/or urethane or fire retardant coatings on request
SPECIFICATIONS

- Knotless polyester netting
- Standard color: Black
  (Other colors and coatings available on request)
- Square mesh size: 25 mm (1.0"")
- Finishing (F7): Sewn webbing border
- Customized with dyes and/or urethane or fire retardant coatings on request
Knotless 3-strand co-polymer safety rope and protection net for general, industrial, commercial, institutional and sport use.

Can be used vertically or horizontally to decelerate or stop heavyweight or high-velocity objects.

SPECIFICATIONS

- Knotless construction with 3-strand co-polymer rope
- Color: Green
- Rope diameter: 10 mm (3/8”), 12 mm (1/2”), 16 mm (5/8”), 19 mm (3/4”)
- Square mesh size:
  - 25 cm x 25 cm (10” x 10”)
  - 30 cm x 30 cm (12” x 12”)
  - (Other mesh sizes available on request)
- Finishing (C1): Corner thimbles provide reinforced anchor points
Knotless 3-strand co-polymer safety rope and protection net for general, industrial, commercial, institutional and sport use.

Can be used vertically or horizontally to decelerate or stop heavyweight or high-velocity objects.

**SPECIFICATIONS**

- Knotless construction with 3-strand co-polymer rope
- Color: Green
- Rope diameter: 12 mm (1/2”)
- Border rope diameter: 16 mm (5/8”)
- Square mesh size:
  - 15 cm x 15 cm (6” x 6”)
  - (Other mesh sizes available on request)
- Finishing (C1): Corner thimbles provide reinforced anchor points
Knotless safety and protection net made from 12-strand polyester rope for general, industrial, commercial, institutional and sport use.

Can be used vertically or horizontally to decelerate or stop heavy weight or high-velocity objects.

SPECIFICATIONS

- Knotless construction with 12-strand polyester rope
- Standard color: Black
  (Other colors and coatings available on request)
- Rope diameter: 10 mm (3/8"), 12 mm (1/2"), 16 mm (5/8"), 19 mm (3/4"
- Square mesh size:
  - 15 cm x 15 cm (6" x 6")
  - 25 cm x 25 cm (10" x 10")
  (Other mesh sizes available on request)
- Finishing (C1): Corner thimbles provide reinforced anchor points
- Customized with dyes and/or urethane or fire retardant coatings
Knotless safety and protection net made from 12-strand ultra-high molecular weight polyethylene (UHMWPE) fiber rope for general, industrial, commercial, institutional and sport use.

Can be used vertically or horizontally to decelerate or stop heavy weight or high-velocity objects.

SPECIFICATIONS

- Knotless construction with 12-strand UHMWPE rope
- Standard color: Orange (Other colors available on request)
- Rope diameter: 6 mm (1/4"), 10 mm (3/8"), 12 mm (1/2"), 16 mm (5/8")
- Square mesh size:
  - 15 cm x 15 cm (6" x 6")
  - 30 cm x 30 cm (12" x 12")
  - (Other mesh sizes available on request)
- Finishing (C1): Corner thimbles provide reinforced anchor points
TECHNICAL DATA SHEET

# BTMFF09

Underground Mining Field Safety Fence

Excellent for warning lines, course delimitation and boundary marking, very strong and resistant even in extreme cold (-40°C).

Superior quality, reusable.

Complementary products

# SHM04 : Elastic rope hook

# SC080504 : Black elastic rope

SPECIFICATIONS

- Polyester fiber with PVC coating
- Roll: 1.27 m x 92 m (50” x 300’)
- Color: Fluorescent orange
- Complementary products:
  - # SHM04 : Elastic rope hook
  - # SC080504 : Black elastic rope
Conveyors and other fixed machinery with moving parts are a hazard to workers if access is not limited by guards. In many situations, the use of synthetic safety nets to protect workers offers many advantages over rigid metallic guards.

Machine guarding safety nets are economic, lightweight and easy to open to provide access for equipment maintenance.

These safety nets also provide protection from projectiles that may result from broken equipment or airborne material.

**SPECIFICATIONS**

- Polyester mesh coated with flexible PVC
- Flame resistant (NFPA 701 (2004) Test 1 and Test 2 Flammability)
- Attachment points at top and bottom of nets to connect to steel or synthetic cables
- Ends designed to accept a steel bar for even tensioning
- Custom sized for perfect fit on your equipment
These ice fall safety nets are made from knotless ultra-high molecular weight polyethylene (UHMWPE) fiber netting for situations where limited stretch is required while maintaining high strength.

Our ice fall safety nets have been tested to successfully arrest and shatter slabs of ice from a height of 30 m (100 ft).

SPECIFICATIONS

- Knotless netting made with UHMWPE fiber
- Mesh breaking strength: 726 kg (1 600 lbs)
- Square mesh size: 50 mm (2”)
- Finishing (F4): 10 mm (3/8”) UHMWPE fiber rope border (rope in/out)
- Finishing (C1): Corner thimbles provide reinforced anchor points

Option

- Flame resistance treatment
These ice fall safety nets are made from knotless nylon fiber netting for efficient energy absorption and high strength.

Our ice fall safety nets have been tested to successfully arrest and shatter slabs of ice from a height of 30 m (100 ft).

SPECIFICATIONS
- Knotless nylon netting
- Mesh breaking strength: 318 kg (700 lbs)
- Square mesh size: 64 mm (2-1/2”)
- Finishing (F4): 13 mm (1/2”) Poly-12 rope border (rope in/out)
- Finishing (C1): Corner thimbles provide reinforced anchor points

Option
- Flame resistance treatment
TECHNICAL DATA SHEET
# CN-FN100-0.75-F5/C1R
Industrial Lifting Cargo Net - Light Duty

Lifting cargo net that can be used to lift lightweight products in industrial environments.

With a square shape and forged rings in each corner, it is manufactured to the required size.

SPECIFICATIONS

- **Working load limit: 90 kg (200 lbs)**
- Knotless nylon netting
- Square mesh size: 19 mm (3/4”)
- Finishing (F5): 6 mm (1/4”) rope border (rope in/out and lashing)
- Finishing (C1): corner thimbles with O-rings

**Note:**
Adjust working load limit in consideration of the load carried (Ex: irregularly shaped equipment, sharp edges, narrow heavy load, rough surface, dynamic effects, etc.)
Lifting cargo net that can be used to lift medium weight products in industrial environments.

With a square shape and forged rings in each corner, it is manufactured to the required size.

### SPECIFICATIONS

- **Working load limit**: 680 kg (1500 lbs)
- **Knotless nylon netting**
- **Square mesh size**: 45 mm (1-3/4”)
- **Finishing (F5)**: 10 mm (3/8”) rope border (rope in/out and lashing)
- **Finishing (C1)**: Corner thimbles with O-rings

**Note:**
Adjust working load limit in consideration of the load carried (Ex: irregularly shaped equipment, sharp edges, narrow heavy load, rough surface, dynamic effects, etc.)
Lifting cargo net that can be used to lift heavy weight products in industrial environments.

With a square shape and forged rings in each corner, it is manufactured to the required size.

**SPECIFICATIONS**

- **Working load limit:** 1360 kg (3000 lbs)
- Knotless nylon netting
- Square mesh size: 64 mm (2-1/2")
- Finishing (F5): 13 mm (1/2") rope border (rope in/out and lashing)
- Finishing (C1): Corner thimbles with O-rings

**Note:**
Adjust working load limit in consideration of the load carried (Ex: irregularly shaped equipment, sharp edges, narrow heavy load, rough surface, dynamic effects, etc.)
This lightweight knotless nylon netting can be used for debris nets, sport nets and barrier nets.

SPECIFICATIONS

- Nylon netting
- Standard color: White
  (Other colors available on request)
- Knotless Raschel construction
- Mesh breaking strength: 45.4 kg (100 lbs)
- Cord diameter: 1.6 mm (1/16'')
- Square mesh size: 19 mm (0.75'')
- Yield: 8.2 m²/kg (40 ft²/lb)
- Customized with dyes and/or urethane or fire retardant coatings
This medium weight knotless nylon netting can be used for debris nets, sport nets and barrier nets.

SPECIFICATIONS

- Nylon netting
- Standard colors: Black, white
  (Other colors available on request)
- Mesh breaking strength: 136 kg (300 lbs)
- Cord diameter: 3 mm (1/8”)
- Square mesh size: 45 mm (1.75”)
- Yield: 4.1 m²/kg (20 ft²/lb)
- Customized with dyes and/or urethane or fire retardant coatings
This heavy weight knotless nylon netting can be used for debris nets, sport nets and barrier nets.

SPECIFICATIONS

- Nylon netting
- Standard color: Black
  (Other colors available on request)
- Knotless Raschel construction
- Mesh breaking strength: 318 kg (700 lbs)
- Cord diameter: 6 mm (1/4”)
- Square mesh size: 64 mm (2.5”)
- Yield: 2.1 m²/kg (10 ft²/lb)
- Customized with dyes and/or urethane or fire retardant coatings
This lightweight knotless polyester netting can be used for debris nets, sport nets and barrier nets.

**SPECIFICATIONS**

- Polyester netting
- Standard color: Black
- Knotless Raschel construction
- Mesh breaking strength: 45.4 kg (100 lbs)
- Cord diameter: 1.6 mm (1/16”)
- Square mesh size: 25 mm (1”)
- Yield: 6.3 m²/kg (31 ft²/lb)
- Customized with urethane or fire retardant coating
Barry can design and manufacture any size of webbing nets, used for transportation and cargo carrying applications (under slung or interior helicopter, plane, trucking, ambulance, racing vehicles).

Custom webbing assemblies such as tie-down straps can also be manufactured according to your specifications.

The webbing material may be mil-spec if required and connecting hardware is available in stainless, galvanized or plated steel, aluminum or plastic.

Webbing nets and assemblies may be tested or certified to meet your requirements.

**SPECIFICATIONS**

- Webbing materials: Nylon, polyester, polypropylene, aramid, UHMWPE, cotton (Other narrow textiles upon request)
- Webbing width: 13 mm (1/2") to 96 mm (4")
- Square mesh size depending on application
- Many connecting hardware options are available to meet your specific requirements
- Urethane or fire retardant coatings available

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This polyester fiber mesh netting with flexible PVC coating has the required characteristics to be part of safety systems in industrial environments.

**Applications**
- Machine guarding
- Conveyor protection nets
- Debris screening
- Securing concrete structures

**SPECIFICATIONS**
- Polyester mesh
- Coated with flexible PVC
- Colors: Black, white
  (Other colors available on request)
- Flame resistant (NFPA 701 (2004) Test 1 and Test 2 Flammability)
- UV resistance: Excellent
- Breaking strength: 188 lbs/in (Warp), 114 lbs/in (Fill)
  (ASTM D-1682)
- Width: 150 cm (60’’) or 180 cm (72’’)
- Weight: Approx. 21 sq.ft/lb (6.5-7.5 oz/sq.yd)
This polyester fiber mesh netting with flexible PVC coating has the required characteristics for situations where a strong and durable tightly weaved open mesh is required.

Applications
- Multimedia projection screen
- Tarps for evaporation ponds
- Debris screening

SPECIFICATIONS
- Polyester mesh
- Coated with flexible foamed PVC
- Colors: Black, white, yellow, orange, green (Other colors available on request)
- UV resistance: Excellent
- Breaking strength: 254 lbs/in (Warp), 228 lbs/in (Fill) (ASTM D-1682)
- Width: 150 cm (60'') or 180 cm (72'')
- Weight: Approx. 11 sq.ft/lb (13 oz/sq.yd)

Option
- Flame resistant (NFPA 701 (2004) Test 1 and Test 2 Flammability)
TECHNICAL DATA SHEET

# BTMTF1

Barrytex PVC Small Opening Mesh Netting

This polyester fiber mesh netting with flexible PVC coating has the required characteristics for situations where a strong and durable tightly weaved open mesh is required.

Applications
- Multimedia projection screen
- Tarps for evaporation ponds
- Debris screening

SPECIFICATIONS
- Polyester mesh
- Coated with flexible PVC
- Colors: Black, white, red, blue, green
  (Other colors available on request)
- UV resistance: Excellent
- Breaking strength: 168 lbs/in (Warp), 168 lbs/in (Fill)
  (ASTM D-1682)
- Width: 150 cm (60") or 180 cm (72")
- Weight: Approx. 16 sq.ft./lb (9 oz/sq.yd)

Option
- Flame resistant (NFPA 701 (2004) Test 1 and Test 2 Flammability)
This polyester fiber mesh netting is lightweight and available in different width options, which make it easy to install.

**Applications**
- Securing concrete structures (specified by MTQ)
- Debris screening
- Gymnasium screen
- Divider curtains
- Decoration

**SPECIFICATIONS**
- 100% polyester fiber
- Colors: Black, grey, white (Other colors available on request)
- Width: 120 cm (48”), 150 cm (60”), 245 cm (96”) or 300 cm (120”)
- Weight: Approx. 25 sq. ft/lb (4.6 oz/sq. yd)
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