

SAFETY NETS

Specialist in construction safety net, sports net & bird proofing services.





We take care of your safety concern..

COMPANY OVERVIEW

Smit Enterprise stands as a distinguished provider in the city, specializing in Invisible Grilles, Construction Safety Nets, Bird Nets, and Sports Nets. With a rich inventory of various net varieties, we take pride in our exceptional customer service and the personalized attention devoted to each order. Our team, comprising technically skilled professionals, ensures stringent safety measures during on-site work.

With a solid presence in Ahmedabad, Gujarat, for the past 10 years, we have garnered a robust reputation. Our commitment to delivering top-notch netting solutions and fostering a healthy environment remains unwavering. The satisfaction of numerous customers attests to our reliability.

Utilizing high-quality raw materials, we offer impeccable nets that cater optimally to a multitude of applications. Smit Enterprise is dedicated to providing the best in netting services, contributing to safety and well-being.

OUR SERVICES



Construction Safety Nets Mfg & Installation



Industrial Safety Nets Installation



PPE's Providers



Anti Bird Proofing Services



Road Safety Services



Sports Nets Installation

SAFETY NETS: KEY POINTS

A fall from a height is likely to result in a serious injury. By installing safety nets below a high-level work area, there is less likelihood that the person will be injured if they fall.

 Safety nets installed below a high level work area reduce the distance a person can fall.

Safety nets are designed to deflect and absorb the energy of a fall so they reduce the likelihood of a person being injured.

• There must be enough clear space below the net so that as the net deflects, the person who has fallen does not strike an obstacle or the ground.

 Safety nets allow people to work at height without restricting their movement.

WHY INVEST IN SAFETY SYSTEM

The responsibility for construction safety extends to all involved, as it not only ensures the well-being of workers but also enhances productivity and project efficiency. Statistical evidence underscores the correlation between a safe working environment and timely project completion, without incurring the additional costs associated with stoppage time. Among the various hazards prevalent in the construction industry globally, accidents stemming from falls from height or falling materials exhibit the highest fatality rates.

To effectively manage these risks, a proactive approach is essential. This involves meticulous hazard identification, comprehensive risk assessment, and prudent measures to minimize activities conducted at heights where workers are vulnerable to falls. Prioritizing investment in compliant systems that adhere to EN and OSHA standards proves instrumental. These systems, designed to be both passive and collective, seamlessly integrate preventive measures and protective protocols, thereby fortifying overall safety measures on-site.

WE ARE ASSOCIATED WITH















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1. Construction Safety Nets



2. Sports Cricket Net



3. Bird Protection Net



4. Head & Face Protection



5. Body Protection:



6. Foot Protection:



7. Road Safety Products:



8. Fire Protection:







- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 4mm IS: 5175:2014 (Breaking Strength 214 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Fabricating Square Knotted Type
- **Tie Rope & Tie Cord -** Tie cord 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984



- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 4mm IS: 5175:2014 (Breaking Strength 214 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Fabricating Square Knotted Type
- Tie Rope & Tie Cord Tie cord 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984 (Options Of Customized Sizes Are Also Available)





CODE:- SMT:03/4+12 (MN)



- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 4mm IS: 5175:2014 (Breaking Strength 214 kgf.)
- **Mesh Size** 100mm x 100mm Square / 4"x4"
- Second Layer HDPE Monofilament UV Stabilized Net 115-120 GSM Colour Green/Blue/Red
- Fabricating Square Knotted Type Tie Rope & Tie Cord - Tie cord 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984



- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 4mm IS: 5175:2014 (Breaking Strength 214 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Fabricating Square Knotted Type
- **Tie Rope & Tie Cord -** Tie cord 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984 (Options Of Customized Sizes Are Also Available)





CODE:- SMT:05/5+12 (K)

5. 5 MM KNOTTED DOUBLE LAYER SAFETY NETS

- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 5mm IS: 5175:2014 (Breaking Strength 602 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Fabricating Square Knotted Type
- Tie Rope & Tie Cord Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984



- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 4mm IS: 5175:2014 (Breaking Strength 214 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer HDPE Monofilament UV Stabilized Net 115-120 GSM Colour Green/Blue/Red
- Fabricating Square Knotted Type
- **Tie Rope & Tie Cord -** Tie cord 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984 (Options Of Customized Sizes Are Also Available)





CODE:- SMT:07/5+12 (T)

5 MM KNOTTED TRIPLE LAYER SAFETY NETS

- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 5mm IS: 5175:2014 (Breaking Strength 602 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Third Layer HDPE Monofilament UV Stabilized Net 115-120 GSM Colour Green/Blue/Red
- Fabricating Square Knotted Type
- Tie Rope & Tie Cord Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984



- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 6mm IS: 5175:2014 (Breaking Strength 602 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Fabricating Square Knotted Type
- Tie Rope & Tie Cord Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984 (Options Of Customized Sizes Are Also Available)





CODE:- SMT:09/6+12 (MN)



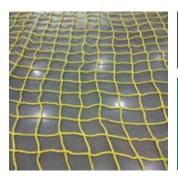
- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 6mm IS: 5175:2014 (Breaking Strength 214 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer HDPE Monofilament UV Stabilized Net 115-120 GSM Colour Green/Blue/Red
- Fabricating Square Knotted Type
- Tie Rope & Tie Cord Tie cord 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984

(Options Of Customized Sizes Are Also Available)

CODE:- SMT:10/6+12 (T) 10. 6 MM KNOTTED TRIPLE LAYER SAFETY NETS

- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 6mm IS: 5175:2014 (Breaking Strength 602 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Third Layer HDPE Monofilament UV Stabilized Net 115-120 GSM Colour Green/Blue/Red
- Fabricating Square Knotted Type
- Tie Rope & Tie Cord Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984





CODE:- SMT:11/8+12 (P)

8 MM PASSING WITH KNOTTED SINGLE LAYER SAFETY NETS

- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 8mm IS: 5175:2014 (Breaking Strength 214 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Fabricating Passing With Knotted
- Tie Rope & Tie Cord Tie cord 2 metre long at four corners and 1 metre long
- at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984



- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 8mm IS: 5175:2014 (Breaking Strength 602 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Fabricating Passing Type Nets
- Tie Rope & Tie Cord Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984 (Options Of Customized Sizes Are Also Available)





CODE:- SMT:13/8+12 (PK)



- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 8mm IS: 5175:2014 (Breaking Strength 602 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Fabricating Passing With Knotted Type Nets
- **Tie Rope & Tie Cord -** Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984

(Options Of Customized Sizes Are Also Available)



- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Rope/Mesh Rope 8mm IS: 5175:2014 (Breaking Strength 602 kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Third Layer HDPE Monofilament UV Stabilized Net 115-120 GSM Colour Green/Blue/Red
- Fabricating Passing With Knotted Type
- **Tie Rope & Tie Cord -** Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984





CODE:- SMT:15/2.5+12 (BR)



- Border & Tie Cord Rope 12mm (Maxima Rope IS: 14929 # 2700 Kgf.)
- Inside Twine Dia 2.5 mm HDPE Twine (100 Kgf.)
- Mesh Size 30mm x 30mm Square
- Fabricating Heat treated machine made knotting
- Tie Rope & Tie Cord Tie cord 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved P.P. Rope Use By Super Tuf Certified to IS:14929 & Safety Net Made By IS Per EN:1263 Part 1



- Border & Tie Cord Rope 12mm (Maxima Rope IS: 14929 # 2700 Kgf.)
- Inside Twine Dia 2.5 mm HDPE Twine (100 Kgf.)
- Mesh Size 30mm x 30mm Square
- Fabricating Heat treated machine made knotting
- **Tie Rope & Tie Cord -** Tie cord 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved P.P. Rope Use By Super Tuf Certified to IS:14929 & Safety Net Made By IS Per EN:1263 Part 1





CODE:- SMT:17/5+12 (BRD)

17. 5 MM BRAIDED DOUBLE LAYER SAFETY NETS

- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Twine Dia 5mm braided HDPE Twine (100 Kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer Overlay Containment HDPE Blue Nets Dia 1mm, Mesh Size 15-22mm
- Fabricating Passing With Knotted Type Nets
- **Tie Rope & Tie Cord -** Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984

(Options Of Customized Sizes Are Also Available)

CODE:- SMT:18/5+12(BRDT) 18. S MM BRAIDED TRIPLE LAYER SAFETY NETS

- Border & Tie Cord Rope 12mm IS: 5175:2014 (Breaking Strength 2210 kgf.)
- Inside Twine Dia 5mm braided HDPE Twine (100 Kgf.)
- Mesh Size 100mm x 100mm Square / 4"x4"
- Second Layer HDPE Monofilament UV Stabilized Net 115-120 GSM Colour Green/Blue/Red
- Fabricating Heat Treated Machine Made Knotting
- **Tie Rope & Tie Cord -** Tie cords 2 metre long at four corners and 1 metre long at every 2 metre
- Standard Size 5 Mtr x 10 Mtr / 3 Mtr x 10 Mtr
- Standard / Approved Made By Al Tufrope P.P. Rope Certified to IS:5175:2014 & Safety Net Made By IS Per IS:11057:1984 (Options Of Customized Sizes Are Also Available)





CODE:- SMT:21/CRG



- Border & Tie Cord Rope 16mm/18mm/20mm & 24mm
- Inside Rope / Mesh Rope 12mm/16mm/20mm
- Mesh Size 6 Inch X 6 Inch / 10 Inch X 10 Inch
- Fabricating Interlock Passing Types
- Tie Rope & Tie Cord Tie cords 2 metre long at four corners and 1 metre long at everv 2 metre

Standard / Approved - P.P. Rope Certified to IS:5175:2014 (Options Of Customized Sizes Are Also Available)

CODE:- SMT:22/SCRM SCRAMBLE NETS

- Material Polyamide Multifilament Rope as per IS 4572 1992 (BIS Mark) Or Polypropylene Rope
- VRope Diameter 18.0mm / 20mm
- Mesh Size 250mm x 250mm
- Float Size 190 mm X 150 mm X 55 mm hole
- FRP Core Size (Minimum) 50 mm OD & 40 mm ID. Additional reinforcement shall be
- provided for Scramble net having length more than 20 meter.
- Construction
 - a) Plastic covered FRP core at 4 m interval with minimum three float. Floats should not come in same mesh in subsequent core. No float required in last two scores.
- b) Total 3 hooks having spring loaded lock arrangements with D-Shackle shall be provided.





CODE:- SMT:23/EN-1263



- Three Layer Safety Nets Fan Prevents Person / Debris / Objects Including Wedge-Pins, Nails, Nut Bolts Etc. Falling On People / Property Below.
- Safety Net System Arrests and Absorbs Impact of falling objects. E.g. Testing done with 100 Kg Mass From Height 7 Mtr.
- Best Suitable Frame Work System with Quick and Easy to Installation.
- First Layer: 5 mm Braided Knotted Or Knotless Mesh 75 mm Or 100 mm Square
- **second Layer:** 2.50 mm Braided Knotted Or Knotless Mesh 25 mm Or 24 mm Square
- **Triple Layer:** Monofilament UV Stabilized Net with Welding Grinding Splatter Resistant Green/Red 120 to 180 GSM
- Fan Net Size: 4.2 Mtr X 6 mtr / 3.3 Mtr X 6 Mtr / 3-3.3 Mtr X 4.2 Mtr / 4-4.6 Mtr X 6 Mtr

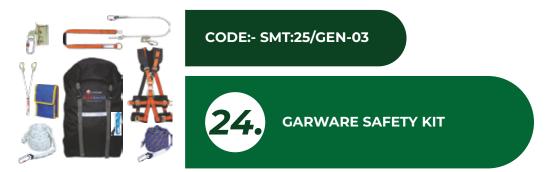


- PPMF Safety reduces risk of injury by deflecting and absorbing energy from falling objects
- Easy to clean due to low moistening characteristics in the Industrial Grade Yarns.
- High Quality fabricated netting: Audit advantage & high brand value of builder / Ensure 100% functional delivery
- Approval and Certification: Testing Criteria for Safety Nets as per EN 1263 1
- Permanent knot tightening upon net impact is not applicable to knotless nets. (Permanent knot tightening reduces the amount of energy the net can absorb)
- Longer lifespan than braided nets due to high UV%





- The kit contains equipment as per the requirement of the personal engaged in working on height.
- Equipped with all the products that are required by the personnel for rescue as well as maintenance jobs.



• This kit is designed for the personnel engaged in working on high rise tower with an extra facility of bigger Hooks & Easily adjustable lanyards to suit the requirements of the working individuals.

Polypropylene Rope (P.P. Rope)







Green Ropes

Rope Size			Weight	Breaking Strength	Runnage
Dia. (MM)	Dia. (Inch)	Circm. (Inch)	Kgs/220 Mtrs	Kgf	Mtrs./kg
4	5/32	1/2	1.63	214	135.00
6	1/4	3/4	3.67	602	60.00
8	5/16	1	6.60	1060	33.30
10	3/8	1.1/4	10.00	1560	22.00
12	1/2	1.1/2	14.50	2210	15.20
14	9/16	1.3/4	20.00	3050	11.00
16	5/8	2	25.50	3770	8.60
18	3/4	2.1/4	32.50	4810	6.80
20	13/16	2.1/2	40.00	5800	5.50
22	7/8	2.3/4	48.50	6960	4.50
24	1	3	57.00	8130	3.90
28	1.1/8	3.1/2	78.00	10700	2.80
30	1.1/4	3.3/4	89.00	12220	2.40
32	1.5/16	4	101.00	13500	2.20
36	1.7/16	4.1/2	129.00	16930	1.70
40	1.5/8	5	158.00	20500	1.40
44	1.3/4	5.1/2	194.00	24640	1.13
48	2	6	229.00	28610	0.96



Address: Smit Enterprise

Block-2, Shade-5, Shyam Jyot Business Park, Nr. M.G. Textile, Narol, Ahmedabad, Gujarat - 382405

> Contact No. 8460690620 | 9601872986 9909906478 | 7285019876 Email: smitsafetysolution@gmail.com Website: www.smitenterprise.info