



# STERLITE CAMOTECH

(ISO 9001:2015 ORGANISATION)  
(OEM for All Type of Camouflage Nets Viz. SCN, MSCN, MSCP, IRCP, Ghillie Suits, FRP Superstructure/Telescopic Poles, Mill-Spec Primers, Paints & etc.)

GSTIN : 06BBVPP3516M1Z0



Ref: SC/BROCHURE/2024-25

Date: 05-09-2024

## **BROCHURE-2024-25**

We, Sterlite Camotech, introduce ourselves as an Indigenous, OEM, ISO-9001:2015 certified company equipped with multispectral camouflage technology, fully complying with the "Make in India" initiative of the Government of India. Our mission is to serve tailored/customised Camouflage Nets to meet specific objectives in all kinds of terrain, from dense vegetation to sand and barren mountains. It reduces the signature of the troops, weapon systems, military vehicles, and other strategic Installations against high-precision, optical, and electronic surveillance equipment operating in different bands of the EM Spectrum. We have successfully served the Indian Airforce, Indian Army, and various establishments of DRDO through its enlisted Agencies. We have also exported to the United Kingdom, Malaysia, Egypt, and Dubai through some Export Houses. We offer a diverse range of camo products that provide a reliable and affordable solution for all camouflage needs.

### **Sterlite Camotech has obtained Certificates of Analysis from,**

1. Défense Laboratory, Jodhpur
2. Research Centre Imarat (RCI), DRDO, Hyderabad
3. Indian Institute of Technology (IIT), New Delhi.
4. Central
5. SASMIRA, Mumbai
6. The Bombay Textile Research Association (BTRA), Mumbai
7. Sophisticated Instrumentation Centre for Applied Research and Testing (SICART);
8. Ahmedabad Textile Industry's Research Association (ATIRA);
9. Northern India Textile Research Association (NITRA) &
10. Ministry of Micro Small and Medium Enterprises (MSME), Testing Centre, New Delhi.

### **Office and Other Important Details as under:**

<b>Office &amp; Works</b>	: Plot No.: 9, Gali No.: 5, Sector-56, Ballabhgarh, Faridabad - 121004
<b>Phone &amp; Fax No</b>	: +129 4020135
<b>Contact 1</b>	: +91 96259 26937,
<b>Contact 2</b>	: +91 96257 95317,
<b>Contact 3</b>	: +91 98107 20018, +91 99999 96843
<b>E-Mail</b>	: <a href="mailto:info@sterlitecamotech.com">info@sterlitecamotech.com</a> , <a href="mailto:sterlitecamotech@gmail.com">sterlitecamotech@gmail.com</a>
<b>Website</b>	: <a href="http://www.sterlitecamotech.com">www.sterlitecamotech.com</a>



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Work : Industrial Shade No. - 01, RSPL Compound , Near RSPL Dharam Kanta, Sector – 58 , Ballabhgarh

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## CAMOUFLAGE NETS WITH THE SUPPORT SYSTEM

ITEM CODE: SHRMIP/01

ITEM NAME: Camouflage Net Shrimp Type:

**Terrains:**

1. Forest / Jungle
2. Semi-Desert

**Characteristics:**

1. Colour: Olive Green, Light Olive Green, Dark Brown, Sand
2. Scrim matches with the Forest/semi-desert Terrains.
3. Water repellent.
4. Base with HDPE Twine Net (75mm x 75mm)
5. Breaking Strength Mesh Cord-300N
6. BS of Edge Cord – 1200N





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GSTIN : 06BBVPP3516M1Z0



ITEM CODE: DLI/01

ITEM NAME: Synthetic Camouflage Net:

Terrains: Single

1. Forest / Jungle
2. Semi-Desert

Characteristics:

3. Colour: Olive Green, Light Olive Green, Dark Brown, Sand
4. Scrim matches with the Forest/desert Terrains.
5. Light Weight
6. Water repellent
7. Base with HDPE Twine Net (75mm x75mm)
8. Breaking Strength Mesh Cord-300N,
9. BS of Edge Cord – 1200N



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GSTIN : 06BBVPP3516M1Z0



## ITEM CODE: HT/SINGLE

ITME: Synthetic Camouflage Net

### Terrains:

1. Forest / Jungle
2. Desert Terrain

### Characteristics:

3. Colour: Olive Green, Light Olive Green, Dark Brown
4. Fire Resistance.
5. Scrim matches with the Forest Terrains.
6. Water repellent as per ASTM D 570
7. Base with HDPE Twine Net (75mmx75mm)
8. Tensile Strength of the Fabric – 900N
9. Tear Strength – 90N
10. Breaking Strength Mesh Cord-300N,
11. BS of Edge Cord – 1200N



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## ITEM CODE: HT/DUAL-T & DESERT

Synthetic Camouflage Net: For Dual Terrain Application

1. Forest (One Side) Terrain
2. Desert (Another Side)

### Characteristics:

3. Colour: Olive Green, Light Olive Green, Dark Brown, Sand
4. Fire Resistant Net
5. Water Resistance as per ASTM D 570
6. High Colour and Washing Fastness
7. Resistance to Fungus.
8. High & Low Heat Resistance
9. Polyester Base Net (100mm x 100mm)
10. Breaking Strength of Fabric – 900N
11. Tear Strength of the Fabric – 90N
12. Breaking Strength Mesh Cord-500N,
13. BS of Edge Cord – 1500N







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GSTIN : 06BBVPP3516M1Z0



ITEM CODE: HT/THERMAL

ITEM NAME: Synthetic Camouflage Net (TIR)

Terrains: Forest / Desert

- Colour: Olive Green, Light Olive Green, Dark Brown, Undyed Hemp/Beige.
- Visual: (400 – 700) nm
- Infrared: (700 – 1200) nm,
- FAR/Therma Infrared: 3µm-5µm & 8µm-12µm,
- Fire Resistance
- Water repellent as per ASTM D 570
- High Colour and Washing Fastness
- High Heat Resistance
- Low-Temperature Resistance
- Breaking Strength of Fabric – 900N
- Tear Strength of the Fabric – 90N
- Breaking Strength Mesh Cord-500N,
- BS of Edge Cord – 1500N



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GSTIN : 06BBVPP3516M1Z0



ITEM CODE: MSCN/TRSP/2D

ITEM: MULTISPECTRAL CAMOUFLAGE NET:  
(ELECTROMAGNETIC TRANSPARENT FOR THE  
COMMUNICATION/RADAR SHELTERS:

Terrains: (For Dual Terrain Operation)

- Forest (One Side)
- Desert (Another Side)

Characteristics: Colour:

- a. Olive Green ISC 220
  - b. Light Olive Green ISC 278
  - c. Dark Brown ISC 412
  - d. Undyed Hemp/Belge: 386/388
- Scrim matches with the Forest/desert Single Terrains.
  - **Visual:** (400 – 700) nm
  - **Infrared:** (700 – 1200) nm,
  - **FAR/Therma Infrared:** 3µm-5µm & 8µm-12µm,
  - **Radar:** Radar Transparency (0.30dB – 0.90 dB) 2 – 18 Ghz
  - Fire Resistance: High
  - Water repellent as per ASTM D 570
  - Low-Temperature Resistance
  - High Tensile Strength
  - BS of Edge Cord – 1500N



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GSTIN : 06BBVPP3516M1Z0



ITEM CODE: MSCN (P&J/DSD)

ITEM: Multispectral Camouflage Net: (Reversible);  
(Excellent against FLIR/HHTI/BFSR/SAR);

Terrains:

1. Forest (One Side)
2. Semi-Desert (Another Side)

Characteristics:

3. Visual: as per IS 5 2007
  - e. Olive Green ISC 220
  - f. Light Olive Green ISC 278
  - g. Dark Brown ISC 412
  - h. Undyed Hemp/Beige: 386/388
4. Visual: (400 – 700) nm
5. Infrared: (700-1200) nm
6. FAR Infrared : (3 $\mu$ -5 $\mu$  & 8 $\mu$ -12 $\mu$ )
7. Radar: Provide Protection Against SAR (2 – 18) GHz
8. Field Trial: Field Tried and Tested.
9. Fire Resistance: Excellent.
10. Operating & Storage Temp: -30<sup>0</sup>C- +55<sup>0</sup>C.
11. High Abrasion Resistance.
12. Water repellent as per ASTM D 570
13. Breaking Strength of Fabric – 30 kg
14. Tear Strength of the Fabric – 5 Kg
15. BS of Edge Cord – 2000N
16. Sizes: (25x20), (16x11), (11x11), (11x8), (8x5.5) and (5.5x4).



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## Ghillie Suits (Visual):

Anti-visual Ghillie suits are very lightweight and robust enough for harsh field conditions. They will merge the soldier visually with the surrounding terrains. These are very lightweight and have excellent ventilation and comfort for the soldier in the field. Additionally, these ghillie suits are bug-proof and restrict insect penetration.

### Terrains:

1. Forest/Jungle  
(Olive Green, Light OG, Dark Brown)
2. Desert/Semi-Desert  
(Sand, Light Brown, Dark Brown)

- Gloss: Matt Finish
- Weight: < 3 Kgs
- High Colourfastness
- Easy Mobility
- Size: Small, Medium, Large







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GSTIN : 06BBVPP3516M1Z0



ITEM CODE: Ghillie/Thermal

ITEM: Ghillie Suit (Thermal)

Terrains:

1. Forest/ Jungle:

(Olive Green, Light OG, Dark Brown)

2. Desert/Semi Desert

(Sand, Light Brown, Dark Brown)

3. Snow

(White/Dark Brown)

Gloss: Matt Finish

Infrared:

- UV (300 – 400)nm
- Visual (400 – 700)nm
- NIR (700 – 1200)nm
- MWIR (3 $\mu$  - 5 $\mu$ )
- LWIR (8 $\mu$  - 12 $\mu$ )

Detection Range: No Detection after 100m at night.

- Weight: >4 Kgs
- Fire Resistant
- High Colourfastness
- Easy Mobility
- Size: Small, Medium, Large



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## THERMAL SHIELDING EFFECTIVENESS OF THE GHILLIE SUITS:

Modern ghillie suits protect the troops in visual (400nm-700nm), NIR (700nm-1200nm), and Thermal Infrared ( $3\mu\text{m} - 5\mu\text{m}$ ) and ( $8\mu\text{m} - 12\mu\text{m}$ ) wavebands of the electromagnetic spectrum by reducing the contrast between the background and the human body. These are water and fire-retardant and available for all terrains.

### Chararisticistics:

1. Both Pictures are taken from a distance of 30 meters.
2. The covered soldier will be invisible beyond 100m.

### Field Testing Methodology:

- Form Two Team for the Trial.
- Some members of Team 1 will bear the Ghillie Suit.
- Team 2 Will have reconnaissance types of equipment to identify the soldiers of the enemy team.
- Team 1 Will hide with the help of the background/merge themselves with the background.
- Now, Team 2 will conduct a search operation.
- The search team definitely will not search the team same member.





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GSTIN : 06BBVPP3516M1Z0



ITEM CODE: MSCE/Parasol

ITEM: Parasols (Camouflage):

Parasols are manufactured to protect moving vehicles from advanced reconnaissance equipment and satellite imagery. They are also available in various specifications to fit the client's needs. Parasols are available for forests, plains, desert, semi-desert, snow, barren mountains, or customized.

Material : Synthetic  
Structure : Metallic  
Protection : Visible (400nm-700nm)  
& NIR (700NM – 1200NM).  
Strength : High Strength  
Pattern : Disruptive  
Brand : Sterlite Camotech  
Flame Protection : Flame Retardant  
Color/Terrain : Forest/Desert  
Application : Single Terrain



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GSTIN : 06BBVPP3516M1Z0



ITEM CODE: IRCP

ITME: Infrared Camouflage Paint:

Modern CARC visual (400nm – 700nm) and Near-Infrared (700nm – 1200nm) Camouflage paint, as per MIL-PRF-46168D, is developed to protect military combat assets from prevalent reconnaissance sensors. The infrared signature weapons and other ancillary equipment differ from their background terrains. Therefore, it merges the infrared signatures of various weapons and military engineering equipment with the background.

In addition to approved shades like Olive Green (IS 220), Light Olive Green (IS 278), Dark Brown (IS 412), Sand (IS 386/388), etc. Furthermore, we manufacture customized shades and NIR as per the corresponding terrain's requirements.

**Protection Band: Visible, Near Infrared (NIR)**

**Pattern : Disruptive/Digital**

**Color/Terrain : Forest/Desert/Semi-desert**

**Application : Roller, Brush, Spray, Airless Spray**

**Substrate/Surface: Metal/Concrete/Woodend**



If you need any further clarification, please let us know.

We look forward to receiving your valuable order. I would be happy to assist you.

Thanking you,

Sincerely yours,

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(Auth. Signatory)



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