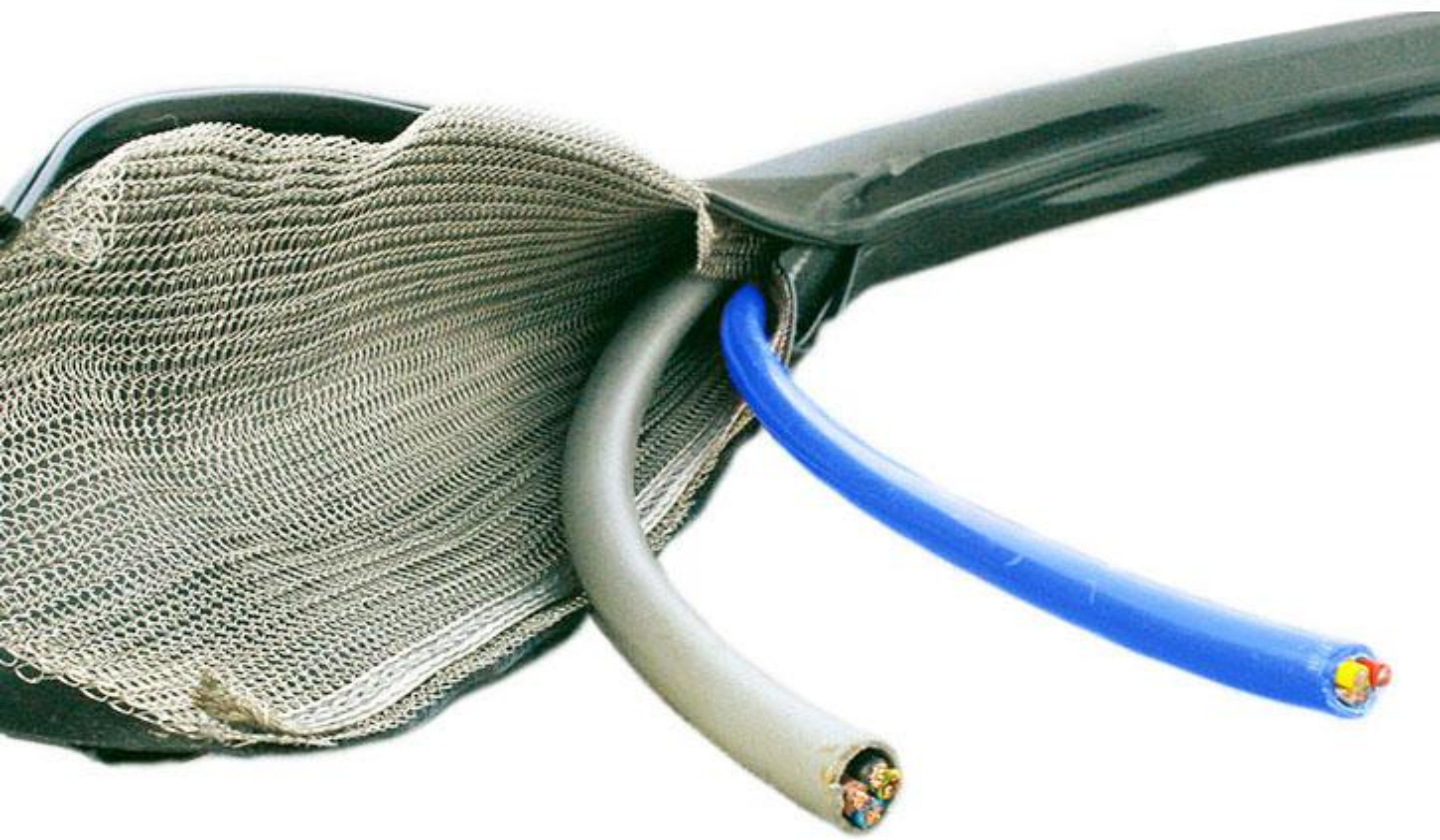


STAINLESS STEEL KNITTED MESH +  
KNITTED COPPER WIRE MESH +  
BRASS KNITTED WIRE MESH +  
MONEL KNITTED WIRE MESH +



# KNITTED WIRE MESH AND GASKETS FOR SHIELDING INDUSTRY



# Shielding Mesh for Cable & Elastomer Core

## Introduction

Electromagnetic interference (EMI) can lead to data loss, shielding protect cable, reduces its impact on signals and also lowers electromagnetic radiation. Knitted mesh can be made into a two-layer flattened cylinder tape, designed to be wrapped helically around cables, or covered the elastomer core.

### Cable wrapped shielding mesh

Shielding prevents crosstalk between cables near each other. The tape may allow a cable to be threaded through or for a higher level of shielding the tape can be wound on spirally half overlapping, recommended overlap 50%. Typically available in 1" and 2" widths.

### Elastomer core mesh

Elastomer core mesh is produced by knitting wire directly over extruded elastomer cores. This has the combined advantages that knitted mesh provides along with the compliance and low compression set of the elastomer core. The knitted wire mesh provide shielding while the elastomer core as a sealing gaskets for dust, rain, ventilating air and other limited environmental conditions.

## Applications

- EMI & RFI shielding
- Cables
- Doors
- Cabinets

## Advantages

- High shielding performance
- Suitable for use under extreme conditions
- Not susceptible to corrosion
- Various conductive materials against tension corrosion
- Double-layer knitted wire mesh



*Monel knitted wire mesh*



*Cable wrapped shielding mesh*



*Elastomer core mesh*

# Technical Parameters

## When ordering, please specify:

The followings are necessary important information for a complete specification of the shielding screens:

### 1. Product Type

Stainless steel knitted mesh  
Copper knitted wire mesh  
Monel knitted wire mesh

### 2. Width

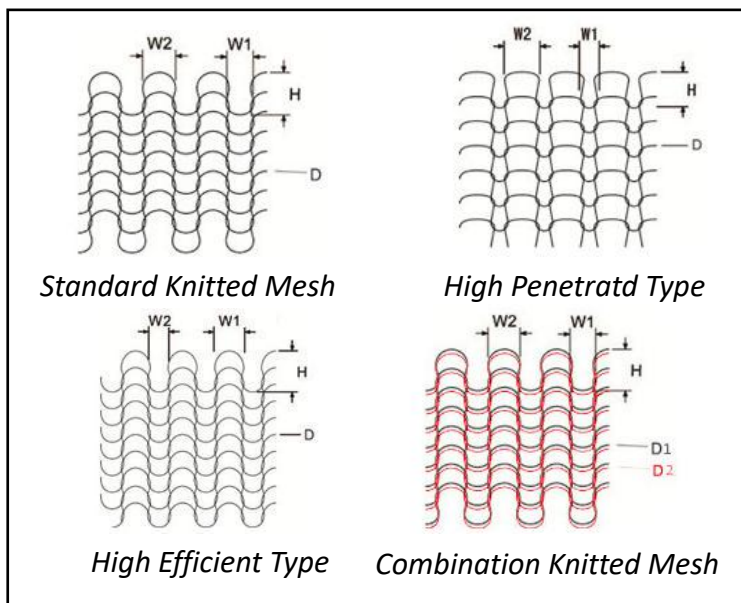
up to 150 mm

### 3. Wire Diameters

From 0.1 mm to 0.28 mm

### 4. Material

Stainelss steel 304, 316L, 321  
Pure copper, brass  
Pure nickel, monel 400



## Hebei Ourun Wire Mesh Co.,Ltd.

The East Industrial Park  
Hebei, China  
Tel: +86 0311 80890395  
Mobile: +86-138 3118 6385  
Email: Linda@orangewiremesh.com  
Website: www.orangewiremesh.com