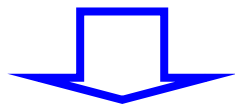




Shielding Knitted Wire Mesh Catalogue (A0)

(Passed IATF16949:2016 quality management system and ISO9001:2015 dual certification enterprise)



Shenzhen EMIS Shielding Knitted Wire Mesh Performance Advantages:

1. Excellent shielding performance: High-efficiency electromagnetic shielding performance, strong conductivity, can effectively block electromagnetic waves and reduce interference;
2. High strength: The material has good mechanical strength and toughness, and is wear-resistant;
3. Lightweight: Compared with other metal materials, beryllium copper is lighter and easier to install and apply;
4. Good thermal conductivity: Excellent thermal conductivity, suitable for applications that require heat dissipation;
5. Corrosion resistance: In certain environments, it has good corrosion resistance (can be electroplated) and extends service life;
6. Flexibility: The structure of the woven mesh makes it flexible and can adapt to equipment of different shapes and sizes;
7. All Products(including Plating)Can Fulfil SGS.ROHS.REACH etc ,Environmental Requirements.

■ Don't hesitate to contact me if have any questions. **E-mail: sales@emis-tech.com**

Updated Date:APR 1st, 2025 (the latest catalog. Visit: www.emis-tech.com)

Knitted wire product brief number:

T-S-AABB-MD-P

Note:

T represents the type:

T is B: beryllium copper metal braided wire; T is S: solid metal wire mesh; T is C: cored metal wire mesh;
T is S: sealed metal wire mesh; T is W: metal wire mesh belt;

S represents the shape:

S is C: round; S is R: square; S is D: D-shaped; S is P: P-shaped; S is B: B-shaped;

AABB: product structure size.

M represents the material: M is B: beryllium copper; M is S: stainless steel wire; M is M: monel wire; M is D: tinned phosphor copper wire; M is F: tinned copper clad steel wire;

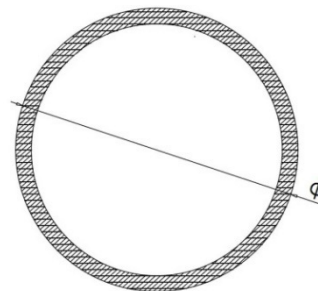
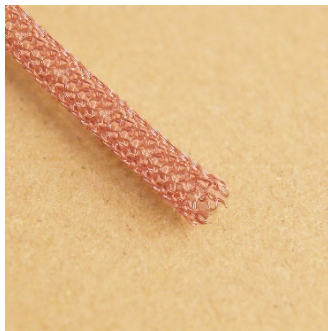
D represents the inner core material: D is 0: none; D is N: chloroprene rubber; D is S: silicone rubber; D is P: polyurethane sponge;

P represents the appearance: 0: natural color; P is S: beryllium copper tinned; P is N: beryllium copper nickel-plated; P is Z: beryllium copper zinc-plated.

One. Beryllium copper woven wire mesh(for special materials and non-standard structure shapes, please contact our sales manager)

1.KB-C-XXXX-B-0-N series

Our delivery standard is generally L=20 meters/roll. (The following dimensions are recommended, unit: mm)



Part Number	Diameter(mm)	Part Number	Diameter(mm)
B-C-1616-B-0	1.6mm +0.4/-0.0mm	B-C-7979-B-0	7.9mm +0.8/-0.0mm
B-C-2424-B-0	2.4mm +0.5/-0.0mm	B-C-9595-B-0	9.5mm +0.8/-0.0mm
B-C-3232-B-0	3.2mm +0.5/-0.0mm	B-C-1313-B-0	12.7mm +0.8/-0.0mm
B-C-4040-B-0	4.0mm +0.5/-0.0mm	B-C-1515-B-0	15.9mm +1.0/-0.0mm
B-C-4848-B-0	4.8mm +0.8/-0.0mm	B-C-1919-B-0	19.1mm +1.0/-0.0mm
B-C-6464-B-0	6.4mm +0.8/-0.0mm	B-C-2525-B-0	25.4mm +1.0/-0.0mm

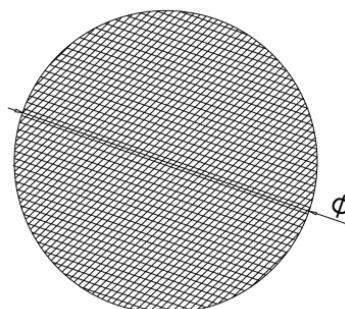
Note: 1. Braided wire material: beryllium copper, monel wire, tinned copper wire, tinned copper clad steel wire, tinned copper clad iron wire, stainless steel wire, etc.;

2. The surface of the braided wire can be natural color; tinned; nickel-plated; silver-plated; gold-plated, etc.;

Two. Solid (round) wire mesh (for special materials and non-standard structure shapes, please contact our sales manager)

1. S-C-XXXX-B-0-series (round)

Our delivery standard is generally L=20 meters/roll. (The following dimensions are recommended, unit: mm)



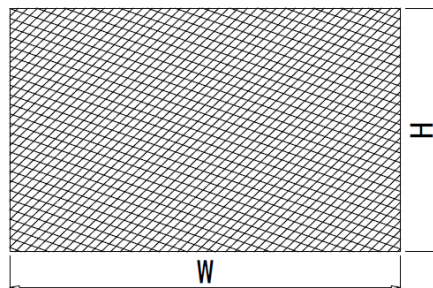
Part Number	Diameter(mm)	Part Number	Diameter(mm)
S-C-2424-B-0	2.4mm +0.5/-0.0mm	S-C-7979-B-0	7.9mm +0.8/-0.0mm
S-C-3232-B-0	3.2mm +0.5/-0.0mm	S-C-9595-B-0	9.5mm +0.8/-0.0mm
S-C-4040-B-0	4.0mm +0.5/-0.0mm	S-C-1313-B-0	12.7mm +0.8/-0.0mm
S-C-4848-B-0	4.8mm +0.8/-0.0mm	S-C-1515-B-0	15.9mm +1.0/-0.0mm
S-C-6464-B-0	6.4mm +0.8/-0.0mm	S-C-2525-B-0	25.4mm +1.0/-0.0mm

Note: 1. Braided wire material: beryllium copper, monel wire, tinned copper wire, tinned copper clad steel wire, tinned copper clad iron wire, stainless steel wire, etc.;

2. The surface of the braided wire can be natural color; tinned; nickel-plated; silver-plated; gold-plated, etc.;

2.S-R-XXXX-B-0 series (rectangular)

Our delivery standard is generally L=20 meters/roll. (The following dimensions are recommended, unit: mm)



Part Number	Width(mm)	Height(mm)	Part Number	Width(mm)	Height(mm)
S-R-1616-B-0	1.6 +0.3/-0mm	1.6 +0.3/-0mm	S-R-7932-B-0	7.9 +0.8/-0.0mm	3.2 +0.5/-0mm
S-R-3216-B-0	3.2 +0.3/-0mm	1.6 +0.3/-0mm	S-R-9532-B-0	9.5 +0.8/-0.0mm	3.2 +0.5/-0mm
S-R-4816-B-0	4.8 +0.4/-0mm	1.6 +0.3/-0mm	S-R-1332-B-0	12.7 +0.8/-0.0mm	3.2 +0.5/-0mm
S-R-7916-B-0	7.9 +0.8/-0.0mm	1.6 +0.3/-0mm	S-R-1932-B-0	19.1 +1.0/-0.0mm	3.2 +0.5/-0mm
S-R-9516-B-0	9.5 +0.8/-0.0mm	1.6 +0.3/-0mm	S-R-2532-B-0	25.4 +1.0/-0.0mm	3.2 +0.5/-0mm
S-R-1316-B-0	12.7 +0.8/-0.0mm	1.6 +0.3/-0mm	S-R-4848-B-0	4.8 +0.8/-0.0mm	4.8 +0.8/-0.0mm
S-R-2424-B-0	2.4 +0.5/-0.0mm	2.4 +0.5/-0.0mm	S-R-6448-B-0	6.4 +0.8/-0.0mm	4.8 +0.8/-0.0mm
S-R-3224-B-0	3.2 +0.5/-0.0mm	2.4 +0.5/-0.0mm	S-R-2532-B-0	7.9 +0.8/-0.0mm	4.8 +0.8/-0.0mm
S-R-4824-B-0	4.8 +0.8/-0.0mm	2.4 +0.5/-0.0mm	S-R-6464-B-0	6.4 +0.8/-0.0mm	6.4 +0.8/-0.0mm
S-R-6424-B-0	6.4 +0.8/-0.0mm	2.4 +0.5/-0.0mm	S-R-7964-B-0	7.9 +0.8/-0.0mm	6.4 +0.8/-0.0mm

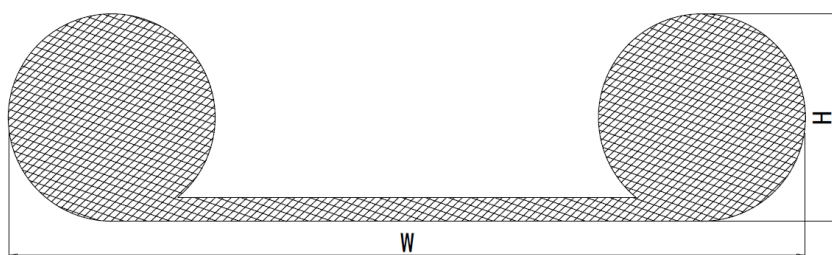
S-R-9524-B-0	9.5 +0.8/-0.0mm	2.4 +0.5/-0.0mm	S-R-9564-B-0	9.5 +0.8/-0.0mm	6.4 +0.8/-0.0mm
S-R-9516-B-0	9.5 +0.8/-0.0mm	1.6 +0.3/-0.0mm	S-R-1364-B-0	12.7 +0.8/-0.0mm	6.4 +0.8/-0.0mm
S-R-9516-B-0	9.5 +0.8/-0.0mm	1.6 +0.3/-0.0mm	S-R-9595-B-0	9.5 +0.8/-0.0mm	9.5 +0.8/-0.0mm

Note: 1. Braided wire material: beryllium copper, monel wire, tinned copper wire, tinned copper clad steel wire, tinned copper clad iron wire, stainless steel wire, etc.;

2. The surface of the braided wire can be natural color; tinned; nickel-plated; silver-plated; gold-plated, etc.;

3.S-B-XXXX-MD-0 series

Our delivery standard is generally L=20 meters/roll. (The following dimensions are recommended, unit: mm)



Part Number	Width(mm)	Height(mm)	Part Number	Width(mm)	Height(mm)
S-B-4113-MD-0	12.7 +1.6/-0.0mm	4.1 +0.5/-0.0mm	S-B-1988-MD-0	19.1 +1.6/-0.0mm	8.8 +0.8/-0.0mm
S-B-1941-MD-0	19.1 +1.6/-0.0mm	4.1 +0.5/-0.0mm	S-B-2588-MD-0	25.4 +1.6/-0.0mm	8.8 +0.8/-0.0mm
S-B-1657-MD-0	16 +1.6/-0.0mm	5.7 +0.8/-0.0mm	S-B-1910-MD-0	19.1 +1.6/-0.0mm	10.4 +1.2/-0.0mm
S-B-1957-MD-0	19 +1.6/-0.0mm	5.7 +0.8/-0.0mm	S-B-2810-MD-0	28.5 +2.0/-0.0mm	10.4 +1.2/-0.0mm
S-B-1972-MD-0	19.1 +1.6/-0.0mm	7.2 +0.8/-0.0mm	S-B-2513-MD-0	25.4 +1.6/-0.0mm	13.6 +1.6/-0.0mm
S-B-2572-MD-0	25 +1.6/-0.0mm	7.2 +0.8/-0.0mm	S-B-3113-MD-0	31.2 +2.0/-0.0mm	13.6 +1.6/-0.0mm

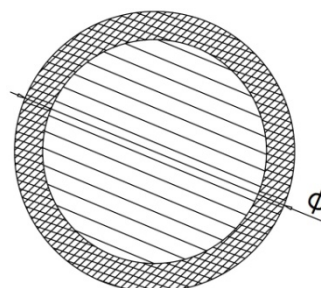
Note: 1. Braided wire material: beryllium copper, monel wire, tinned copper wire, tinned copper clad steel wire, tinned copper clad iron wire, stainless steel wire, etc.;

2. The surface of the braided wire can be natural color; tinned; nickel-plated; silver-plated; gold-plated, etc.;

Three. Contains inner core metal shielding wire mesh (for special materials and non-standard structure shapes, please contact our sales manager)

1.C-C-XXXX-MD-0 series

Our delivery standard is generally L=20 meters/roll. (The following dimensions are recommended, unit: mm)



Part Number	Overall Diameter	Foam Diameter	Part Number	Overall Diameter	Foam Diameter
C-C-2516-MD-0	2.5 +0.5/-0.0mm	16mm	C-C-8879-MD-0	8.8 +0.8/-0.0mm	7.9mm

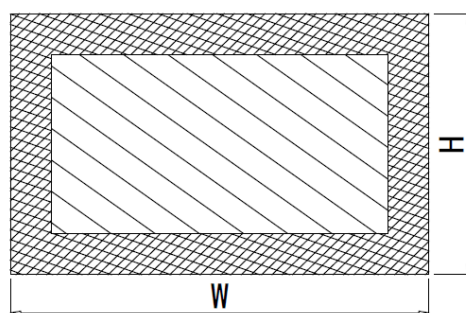
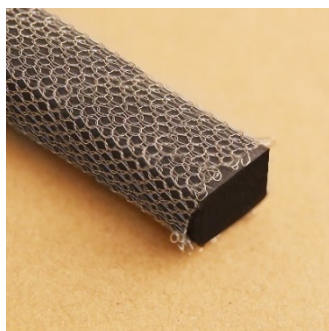
C-C-4132-MD-0	4.1 +0.5/-0.0mm	3.2mm	C-C-1095-MD-0	10.4 +1.2/-0.0mm	9.5mm
C-C-5748-MD-0	5.7 +0.8/-0.0mm	4.8mm	C-C-1413-MD-0	13.6 +1.6/-0.0mm	12.7mm
C-C-7264-MD-0	7.2 +0.8/-0.0mm	6.4mm			

Note: 1. Braided wire material: beryllium copper, monel wire, tinned copper wire, tinned copper clad steel wire, tinned copper clad iron wire, stainless steel wire, etc.;

2. The surface of the braided wire can be natural color; tinned; nickel-plated; silver-plated; gold-plated, etc.;

2.C-R-XXXX-MD-0 series

Our delivery standard is generally L=20 meters/roll. (The following dimensions are recommended, unit: mm)



Part Number	Total Width	Total Height	Inner Core Width	Inner Core Height
KC-R-4141-MD-0	4.1 +0.5/-0.0mm	4.1 +0.5/-0.0mm	3.2mm	3.2mm
KC-R-5741-MD-0	5.7 +0.8/-0.0mm	4.1 +0.5/-0.0mm	4.8mm	3.2mm
KC-R-7241-MD-0	7.2 +0.8/-0.0mm	4.1 +0.5/-0.0mm	6.4mm	3.2mm
KC-R-5757-MD-0	5.7 +0.8/-0.0mm	5.7 +0.8/-0.0mm	4.8mm	4.8mm
KC-R-8879-MD-0	8.8 +0.8/-0.0mm	7.9 +0.8/-0.0mm	7.9mm	7.0mm
KC-R-1095-MD-0	10.4 +1.2/-0.0mm	9.5 +0.8/-0.0mm	9.5mm	8.6mm
KC-R-1413-MD-0-N	13.6 +1.6/-0.0mm	12.7 +1.6/-0.0mm	12.7mm	11.8mm

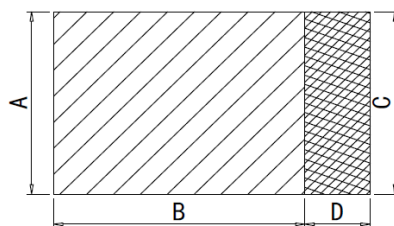
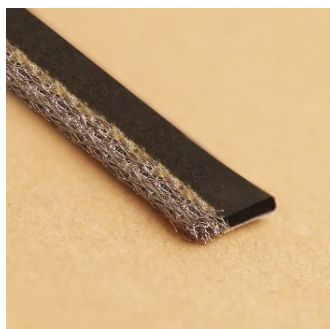
Note: 1. Braided wire material: beryllium copper, monel wire, tinned copper wire, tinned copper clad steel wire, tinned copper clad iron wire, stainless steel wire, etc.;

2. The surface of the braided wire can be natural color; tinned; nickel-plated; silver-plated; gold-plated, etc.;

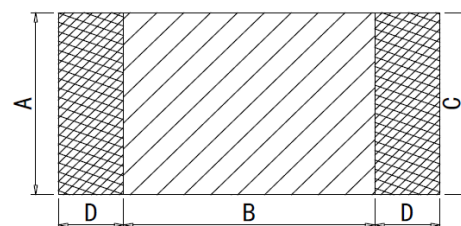
Four. Sealed wire mesh (for special materials and non-standard structure shapes, please contact our sales manager)

1. KS-R-XXXX-MD-0-N series

Our delivery standard is generally L=20 meters/roll. (The following dimensions are recommended, unit: mm)



单边丝网



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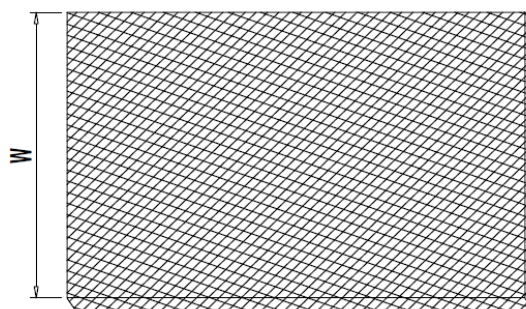
Part Number	A(mm)	B(mm)	C(mm)	D(mm)	Part Number	A(mm)	B(mm)	C(mm)	D(mm)
KS-R-6416-MD-0-N	1.6	6.4	1.6	3.2	KS-R-9532-MD-0-N	3.2	9.5	3.2	3.2
KS-R-9516-MD-0-N	1.6	9.5	1.6	3.2	KS-R-1632-MD-0-N	3.2	15.9	3.2	3.2
KS-R-9524-MD-0-N	2.4	9.5	2.4	3.2	KS-R-4848-MD-0-N	4.8	4.8	4.8	3.2
KS-R-1324-MD-0-N	2.4	12.7	2.4	3.2	KS-R-6448-MD-0-N	4.8	6.4	4.8	3.2
KS-R-3232-MD-0-N	3.2	3.2	3.2	3.2	KS-R-1348-MD-0-N	4.8	12.7	4.8	3.2
KS-R-4832-MD-0-N	3.2	4.8	3.2	4.8	KS-R-6464-MD-0-N	6.4	6.4	6.4	3.2
KS-R-3432-MD-0-N	3.2	3.4	3.2	3.2	KS-R-1364-MD-0-N	6.4	12.7	6.4	3.2
KS-R-3432-MD-0-N	3.2	6.4	3.2	6.4	KS-R-1395-MD-0-N	9.5	12.7	9.5	3.2

Note:

MD (Material)	N: Neoprene	S: Silicone rubber	P: Polyurethane sponge
M: Monel wire MN MS MP	MN	MS	MP
D: Tinned phosphor copper wire DN DS DP	DN	DS	DP
F: Tinned copper clad steel wire FN FS FP	FN	FS	FP
S: Stainless steel SN SS SP	SN	SS	SP
B: Beryllium copper BN BS BP	BN	BS	BP

- Note:** 1. Braided wire material: beryllium copper, monel wire, tinned copper wire, tinned copper clad steel wire, tinned copper clad iron wire, stainless steel wire, etc.;
2. The surface of the braided wire can be natural color; tinned; nickel-plated; silver-plated; gold-plated, etc.;
3. Tolerance range: 0-9.5: +0.8/-0.0mm; 9.7-12.5: +1/-0.0mm; 12.7-25.4: +1.6/-0.0mm; 25.4-31.2: +2/-0.0mm;

Five. Woven wire mesh belt (for special materials and non-standard structure shapes, please contact our sales manager)



Part Number	Width(mm)	Part Number	Width(mm)
WK-T-0640-MD-0-N	6.4 +/-1.0mm	WK-T-3810-MD-0-N	38.1 +/-3.1mm
WK-T-0970-MD-0-N	9.7 +/-1.0mm	WK-T-4450-MD-0-N	44.5 +/-3.1mm
WK-T-1270-MD-0-N	12.7 +/-1.5mm	WK-T-5080-MD-0-N	50.8 +/-4.8mm
WK-T-1910-MD-0-N	19.1 +/-1.5mm	WK-T-5720-MD-0-N	57.2 +/-4.8mm
WK-T-2540-MD-0-N	25.4 +/-1.5mm	WK-T-6350-MD-0-N	63.5 +/-4.8mm

- Note: 1. Braided wire material: beryllium copper, monel wire, tinned copper wire, tinned copper clad steel wire, tinned copper clad iron wire, stainless steel wire, etc.;
2. The surface of the braided wire can be natural color; tinned; nickel-plated; silver-plated; gold-plated, etc.;