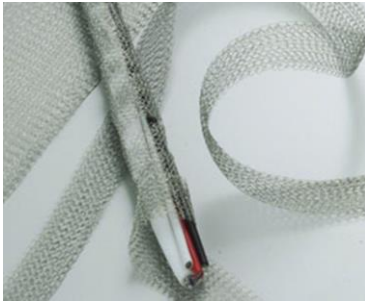


Cable Shielding Solution Products

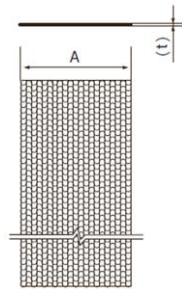


Prior to using KGS parts please read our "Product Important Notice" at <http://kgs-ind.com/products/product-important-notice/>



Mesh Tape (MT series)

- Very flexible cylindrical mesh made of extremely fine (0.12mm), braided, tin-plated copper wires
- Can be easily wrapped around the cable or insert cables through the mesh cylinder
- Conforms to irregular shapes and surfaces
- Tin-plating allows for low impedance and resists galvanic corrosion, and copper provides excellent conductivity
- Can be terminated for grounding at the ends of the cable
- Can also solder to application if needed (to ground permanently)



Sn plating (Low impedance, excellent against galvanic corrosion)
Copper (Excellent conductivity)

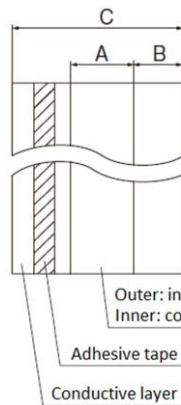
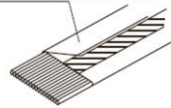
Part No.	Dimensions		
	A (mm)	Length (m)	(t)
MT-17-CT	17	300	0.4
MT-25-CT	25	200	
MT-30-CT	30	150	
MT-35-CT	35	100	
MT-40-CT	40	100	
MT-55-CT	55	50	0.8
MT-85-CT	85	25	
MT-95-CT	95	25	
MT-120-CT	120	25	
MT-150-CT	150	25	
MT-175-CT	175	25	
MT-230-CT	230	25	



FRCSR series

- Lightweight, flexible cable shielding jacket effective for EMI shielding
- Features adhesive tape closure (no tools necessary for installation), aluminum conductive layer, and polyurethane and PET film insulation layer
- Designed for flat cables and can be installed easily on terminated cables
- Optional grounding wire
- Standard length = 960mm

Outer polyurethane and PET film insulation layer
Inner aluminum foil conductive layer



Outer: insulation layer
Inner: conductive layer

Adhesive tape

Conductive layer

FRCSR	
Conductive material and thickness	Aluminum foil 10µm
Outer insulation layer and thickness	Polyurethane + PET film 125µm
Closure	Double sided PSA with release liner
Color (outer layer)	Black
Maximum Length	960mm

Part No.	A	B	C
FRCSR-15	15	14	43
FRCSR-22	22	17	59
FRCSR-28	28	26	80
FRCSR-35	35	29	93
FRCSR-40	40	35	110
FRCSR-46	46	36	118
FRCSR-53	53	45	143
FRCSR-66	66	56	178

Units: mm

Please request for detailed product specification data prior to purchase.

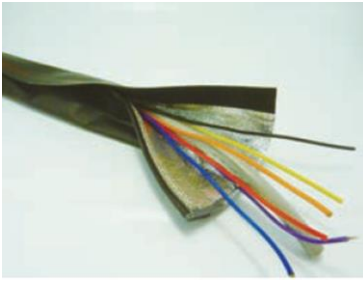


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www.kgs-ind.com sales@kgs-ind.com

All statements, specifications, properties, technical information, and recommendations herein are based on tests; however, the accuracy and completeness are not guaranteed and are subject to change without notice due to product improvement and specification change. This statement is made in lieu of all warranties, expressed or implied, including the implied warranties of marketability, and fitness for purpose. KITAGAWA INDUSTRIES America, Inc. obligation under this warranty shall be limited to replacement of product that proves to be defective. Prior to use, the user shall determine the suitability of the product for its intended use, and the user assumes all risk and liability whatsoever in connection therewith. KITAGAWA INDUSTRIES America, Inc. shall have no liability for any injury, loss, or damage arising out of the use of or the inability to use the products. No statement or recommendation contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

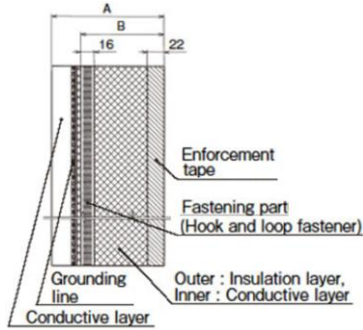
Volume resistivity stated on our EMI absorber flyer is meant for noise control parameters, where the absorber is considered a conductor, but not for insulation performance. Care should be taken when using absorbers. KITAGAWA INDUSTRIES America, Inc. makes no guarantees as to electrical resistivity values and accepts no liability due to short circuits where EMI absorbers are used directly on a PC Board or areas near high voltage such as for power. The products are designed for EMI noise reduction for electronics. This is not recommended for applications involving human life or extremely high accuracy. Prior to using the products in production, please verify their performance or adhesive strength of PSA for long term use. Avoid applying any external stress such as bending or high amounts of tension. Note when the absorber products are cut, bent, or pulled, there may be a possibility of creating cracks. For storage, keep products in a cool, dry, well-ventilated area at room temperature and avoid high temperatures, humidity, and direct sunlight.

Please contact the sales department at KITAGAWA INDUSTRIES America, Inc. for the use of our products prior to selecting the parts for your application.



ECBR-AL series

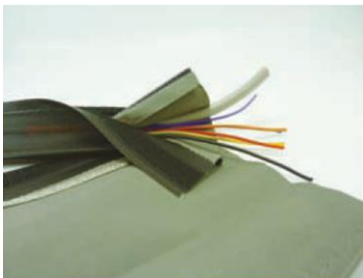
- Convenient for debugging
- Features nylon hook and loop (velcro) fastener for easy application
- Made of conductive aluminum layer, PET fabric-based polyurethane insulation layer, tin-plated copper wire for grounding, and PET fabric-based polyurethane enforcement tape
- Fastener is melted onto the fabric which allows for easy cutting to desired lengths without detachment
- Can be installed on pre-connected cables
- Standard length = 25meters



ECBR-AL	
Conductive material and thickness	Aluminum foil 20µm
Outer Insulation layer and thickness	PET fabric-based polyurethane 300µm
Closure	velcro
Color (outer layer)	Black
Standard Length	25meters

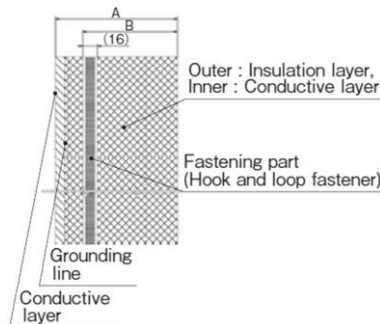
Part No.	A	B
ECBR-AL-15G	83	64
ECBR-AL-20G	135	100
ECBR-AL-30G	165	130
ECBR-AL-40G	195	160
ECBR-AL-50G	240	195
ECBR-AL-70G	295	240
ECBR-AL-100G	415	350

Unit: mm



ECBR-CF series

- Lightweight and flexible cable shielding material
- Features nylon hook and loop fastener for easy application
- Nickel-copper conductive fabric layer, PET fabric-based polyurethane insulation layer, and tin-plated copper wire for grounding
- Can be installed on pre-connected or wound cables, ideal for multiple use
- Standard length = 25meters



ECBR-CF	
Conductive material and thickness	Conductive fabric 160µm
Outer Insulation layer and thickness	PET fabric-based polyurethane 300µm
Closure	velcro
Color (outer layer)	Black
Standard Length	25meters

Part No.	A	B
ECBR-CF-20G	134	104
ECBR-CF-30G	164	134
ECBR-CF-40G	194	164
ECBR-CF-50G	224	194

Unit: mm

*Please contact us for sizes not listed above