

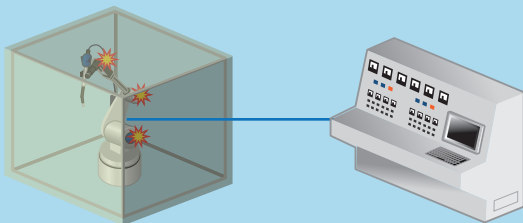
Surrounded by electromagnetics wave



G Metal Shield Series

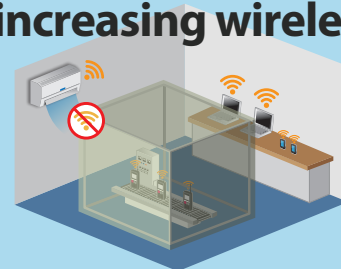
Why is shielding from electromagnetic wave necessary?

Malfunction of Device



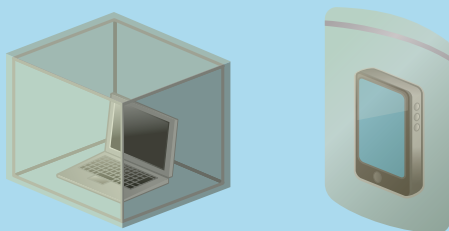
The malfunction of the control device is life-threatening. Tests under various radio wave environments that may induce malfunctions are required.
e.g. Robot, Actuator, ECU

Communication failure due to increasing wireless device



Radio law varies from country to country and device by device. Wireless device for export complies with the Radio Law of the country of destination and may be illegal in the country of origin.

Information leakage



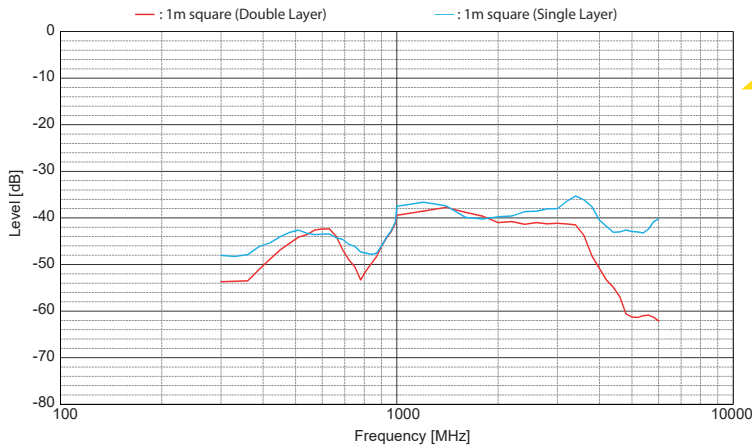
Blocking transmitted electromagnetic, prevents leakage of confidential info and crime.
e.g. military, diplomatic, personal info.

Health problem



Electromagnetic hypersensitivity.
Block the source of electromagnetic.

Shielding effect



-30dB (300MHz - 6GHz) per cloth

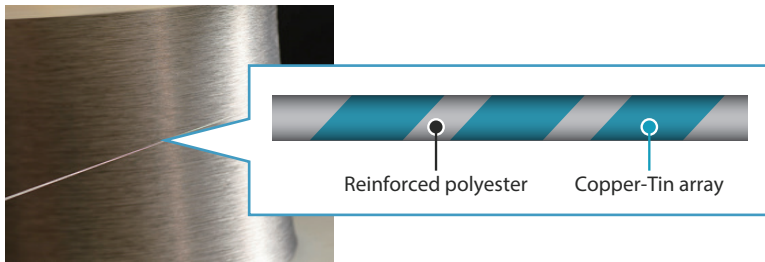
Double clothes use
→ **Higher shield performance**

* Measured by space antenna method
This is measured result, not the value for guaranteeing.

About G Metal Shield Cloth has...

High electromagnetic shield performance from metal

High processability from fiber



Original string made by reinforced fiber wrapped by plating metal

It has high conductivity because of contacted metals and high durability from the metal

High Shielding Performance
[More than -30dB/cloth]

High Electroconductivity

High Thermal Conductivity

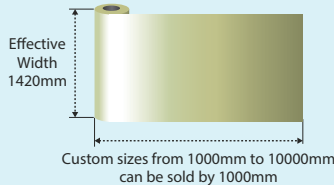
High Durability
[Less deterioration]

High Breathability

Excellent Processability

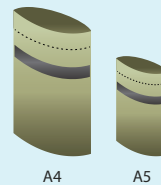
Line-up of G Metal Shield Cloth and Pouch for high frequency electromagnetic fields.

G Metal Shield Cloth



Best performance for shielding by wrapping

G Metal Shield Pouch



Standard size pouch (A4 / A5 Size)
The shielded pouches protect any portable device from electromagnetic wave interference and emissions. (Velcro closure)

- Due to the possibility of equipment or PC failure, the data files on the instrument will not be guaranteed to be held on the memory. Please make a backup of data whenever possible to avoid data loss.
- Brand names and product names listed in this brochure are the trademarks or registered trademarks of their respective owners.
- Items mentioned are subject to change without notice. For more information about product, please check the web site or contact your local representative.

Important safety instructions

- Before using it, please read the user manual and then please use it properly in accordance with the description.
- To avoid malfunction or electric shock, please ensure ground connection and use it in specified power source.

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