

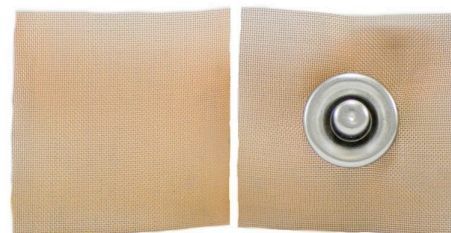


**Metal Rubber™ EKGear Sensor Patches
NSM-MR-04-EK and NSM-MR-04-EKS**

Product Description

Metal Rubber™ EKGear Sensor Patches are made of a unique self-assembled nanocomposite material that combines the high electrical conductivity of metals with the mechanical properties of textiles. They are lightweight, flexible and physically comfortable, and allow monitoring of EKG signals without the need for typical gels or adhesives. Patented self-assembly process chemistry; results in excellent detection of electrical potential that drives myocardial contraction.

- Noncorrosive
- Polymer encasement allows washing and repetitive use



Application of Metal Rubber EKGear Sensor Patches

Metal Rubber EKGear Sensor Patches are used for long-term EKG monitoring where frequently changing sensor elements and interrupting data collection and transmission is undesirable. The dry patches do not require the use of messy gels or adhesives, and may be washed in mild detergent and air-dried for re-use.

Material Properties

Typical Values

- Surface resistance: 1.0 to 5.0 Ω/\square

Standard Product Information

Product Number	Product Description	Dimensions	Thickness
NSM-MR-04-EK-01	Metal Rubber EKGear Sensor Patch (1 EA)	1" x 1"	0.1 mm
NSM-MR-04-EK-10	Metal Rubber EKGear Sensor Patches (10 EA)	1" x 1"	0.1 mm
NSM-MR-04-EKS-01	Metal Rubber EKGear Sensor Patch, with snap connector (1 EA)	1" x 1"	0.1 mm
NSM-MR-04-EKS-10	Metal Rubber EKGear Sensor Patches, with snap connector (10 EA)	1" x 1"	0.1 mm

NSM-MR-04-EK and NSM-MR-04-EKS may have visual anomalies that do not affect material properties.

Product Information

For additional product information, please contact a NanoSonic sales representative:

Phone: 540.626.6266

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