

3M™ Red Dot™ Micropore™ Monitoring Electrodes

Commonly Asked Questions

Question:

Why are there so many different types of backings that are available in the 3M™ Red Dot™ product line?

Answer:

Some are for use in long-term wear situations and others are for short-term situations and still others are for problem adhesion conditions.

- Micropore™
- Foam
- Clear Plastic
- Soft Cloth

Question:

What is the difference(s) between a short-term and long-term electrode?

Answer:

Short-term electrodes:

- Used for a shorter period.
- Less porous/occlusive.
- Good initial tack.
- Used for demanding applications.

Long-term electrodes:

- Used for a longer period.
- More porous/breathable.
- Clinically tested to be safe and effective for long-term use (up to 3 days).

Please note that there have been cases where long-term electrodes have worked well in place of short-term electrodes. The preference to use long- or short-term electrodes depends on customer preference and their clinical knowledge and experience.

Question:

What is the difference between a solid gel and a wet gel?

Answer:

Solid gel:

- No gel squeezes out.
- Gel does not interfere with adhesion.
- No messy residue left after removal.
- Allows for good skin contact.
- Low chloride content to minimize skin irritation from gel.

Wet gel:

- Leaves residue after removal.
- Residue clean up time.
- Possibility of gel interfering with adhesion.

Question:

Why is skin abrading recommended prior to attaching electrodes?

Answer:

To reduce skin impedance and expose the inner conductive layer of the epidermis to enhance trace quality. 3M™ Red Dot™ Trace Prep is a "tool" to solve trace quality issues and artifacts (if skin impedance related). Virtually all electrodes face trace quality and skin impedance issues. 3M™ Red Dot™ Trace Prep is designed to minimize those issues. Skin abrading is not only meant for 3M™ Red Dot™ electrodes, it is a good practice to enhance trace quality. 3M has designed this tool to solve customer issues related to trace quality.

For More Information

Contact your 3M Health Care Sales Representative, or call the 3M Health Care Customer Helpline at **1-800-228-3957**. These products can be ordered from your local distributor. Outside the United States, contact the local 3M subsidiary.



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