

# 3M™ Red Dot™ Diaphoretic Foam 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.



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**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.