

3M™ Red Dot™ Electrodes



Trusted
Choices
for Consistent Performance



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What Do You Need? What Will You Trust?

These are probably the two most important questions healthcare professionals ask about monitoring electrodes. And they are two questions that 3M™ Red Dot™ Electrodes have been answering since 1974. As a company that has been a worldwide innovator in adhesive technology and medical products, 3M continually develops new and improved solutions for ECG monitoring. Today, we offer a broad line of reliable products that meet specific customer requirements. And we support these products before and after you purchase them with strong training and technical service organizations. What do you need? What will you trust? The answers can be found on these pages.

When you need Standardization

Today, facilities are challenged to reduce operating costs while maintaining high-quality patient care. 3M™ Red Dot™ Monitoring Electrodes with Foam Tape and Sticky Gel can help. Many facilities find these electrodes satisfy most of their adult ECG monitoring needs.

5-day wear time. Red Dot Monitoring Electrodes 2560/2570 may be worn up to five days.

Outstanding trace quality. Adhesive foam backing and proprietary sticky gel ensure excellent skin contact for outstanding trace quality.

Packaged for efficiency. Each 10-electrode strip is perforated widthwise and lengthwise, allowing you to tear off only the number of electrodes you need.

45-day open bag freshness guarantee.

Abrader strip for gentle skin prep and radiolucent stud. Red Dot Monitoring Electrode 2570 is radiolucent to allow monitoring during x-ray and fluoroscopy procedures. The integrated abrader strip may be used to gently prepare the skin, reducing its impedance and providing optimal ECG trace quality.

Suggested Applications:

	2560	2570
EMS/ED	✓	✓
ICU/CCU	✓	✓
Telemetry/Holter/Event	✓	✓
OR	✓	✓
Cath Lab	✓	✓
Stress Test	✓	✓
Cardiac Rehab	✓	✓
Echo-Cardio	✓	✓
Peds ICU	✓	✓



3M™ Red Dot™ Monitoring Electrode 2570



3M™ Red Dot™ Monitoring Electrode 2560

When you need Repositionability



3M™ Red Dot™ Repositionable Electrodes 2660/2670 may be reapplied once immediately following initial application. Repositioning allows clinicians to reduce cost by not replacing the electrode. Here are other reasons to consider them in your facility.

Larger conductive area. Although the footprint is smaller, the conductive surface area of our Red Dot Repositionable Electrodes is larger than that of conventional electrodes. This results in lower skin impedance and improved ECG trace quality.

Comfortable and conformable. The low-profile, soft cloth backing provides ease of application and removal, improves patient comfort compared to thicker, less-flexible backings and reduces the risk of electrodes catching on medical devices, drapes, gowns or bedding, which can cause inadvertent electrode lift.

Small footprint for enhanced versatility. The small size and ultra-low profile allows for quick and easy placement on patients of different ages and sizes.

Prepless. If speed is a concern, the Red Dot Repositionable Electrodes' lower impedance may eliminate the need to prep the skin prior to application.

Adhesion choices. Red Dot Repositionable Electrodes are available in two levels of adhesion. Both are quick to stick on skin and gentle on removal, but the Red Dot Repositionable Electrode 2670 electrode has adhesive that is more aggressive, and should be used if the level of adhesion of the Red Dot Repositionable Electrode 2660 is too low for a particular patient or clinical application.

Suggested Applications:

	2660	2670
EMS/ED	✓	✓
ICU/CCU	✓	✓
Telemetry/Holter/Event		✓
OR	✓	✓
Cath Lab	✓	✓
Echo-Cardio	✓	✓
Peds ICU	✓	✓

When you need Pre-wired Electrodes

3M has a family of pre-wired electrodes specifically designed for newborns. Whether the need is a pre-wired electrode for infants or a limb band electrode for low weight preemies, the 3M Red Dot line offers a solution.

Pre wired and color-coded. For ease of application and trace quality.

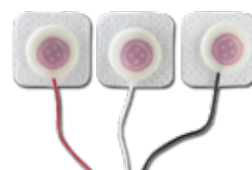
Gentle adhesive. Reduces risk of skin trauma on neonatal skin prior to full barrier formation.

Smaller footprint for neonates. Accommodates smaller chest sizes.

Larger footprint for older infants and children.

Suggested Applications:

	2269T	2280	2282	2283	2284
Echo-Cardio	✓				
Peds ICU	✓	✓	✓	✓	
NICU	✓	✓	✓	✓	✓



3M™ Red Dot™ Pre-wired Neonatal ECG Monitoring Electrode 2282



3M™ Red Dot™ Pre-wired Infant ECG Monitoring Electrode 2283



3M™ Red Dot™ Pre-wired Neonatal Monitoring Electrode 2269T



3M™ Red Dot™ Pre-wired Neonatal Limb Band ECG Monitoring Electrode 2284

When you need Pediatric Electrodes



3M™ Red Dot™ Monitoring
Electrode 2245-50



3M™ Red Dot™ Pediatric
Micropore™ Monitoring
Electrode 2248



3M™ Red Dot™ Infant
Soft Cloth ECG Monitoring
Electrode 2258-3

The tender skin of the infant and younger pediatric patients is a consideration when selecting the backing and adhesive characteristics of an electrode. In addition to the pre-wired electrodes, 3M also offers gentler adhesives and comfortable backings in traditional electrodes for these special patients.

Gentle adhesive. Reduces risk of skin trauma.

Smaller footprint for older infants and children. Accommodates smaller chest sizes.

Solid gel and two backing options. The solid gel is gentle to skin and minimizes residue after removal. 3M™ Micropore™ and soft cloth tape backings provide both low-profile to minimize early edge lift due to catching on medical devices or fabrics and conformability to skin for patient comfort.

Suggested Applications:

	2245	2248	2258
Peds ICU	✓	✓	✓

When you need Short Term Diagnostics

The unique needs of Resting ECG monitoring are met with the 3M family of electrodes designed for this critical diagnostic application. Whether your preference is for a tab or snap connection, 3M can fulfill the need.

Easy to apply and remove. The reverse tab placement provides quick and easy access to the electrode for single-handed application. The tab is convenient for leadwire placement and for ease of removal.

Superior adhesion. Excellent adhesion with the flexibility to securely reposition the electrode saves clinician time and facility cost.

Intimate skin contact. The conductive adhesive on Red Dot Resting EKG Electrodes 2330 and 2360 provides intimate skin contact to ensure accurate ECG traces – even on challenging sites.

Defibrillation recoverable. Red Dot Resting EKG Electrodes 2330 and 2360 tab connection can continue to be used after defibrillation.

Environmental conscience. Red Dot Resting Electrodes are far below the Environmental Protection Agency (EPA) limits for leachable silver.

Suggested Applications:

	2330	2352	2360
Resting ECG	✓	✓	✓



3M™ Red Dot™
Resting EKG Electrode
2330



3M™ Red Dot™
Resting EKG Electrode
2352



3M™ Red Dot™
Resting EKG Electrode
2360

When you need Diaphoretic Solutions



3M™ Red Dot™ Diaphoretic
Foam Monitoring
Electrode 2230



3M™ Red Dot™ Diaphoretic
Soft Cloth Monitoring
Electrode 2231



3M™ Red Dot™ Diaphoretic
Foam Monitoring Electrode
2270

The diaphoretic patient's skin presents a challenge in maintaining reliable contact for a quality ECG trace. 3M offers product solutions to address the challenge.

Large footprint for greater adhesive area. 3M™ Red Dot™ Diaphoretic Monitoring Electrodes combine both a greater surface area and a strong adhesive to improve trace quality.

Foam and soft cloth backings. Backing choices for conformability, patient comfort and low profile.

Abrader for gentle skin prep. Red Dot Monitoring Electrodes 2270 and 2271 incorporate an abrader for gentle skin abrasion. Gentle skin abrasion results in lower skin impedance and improved ECG trace quality.

Suggested Applications:

	2230	2231	2270	2271
EMS/ED			✓	✓
ICU/CCU	✓	✓	✓	✓
Telemetry/Holter/Event	✓	✓	✓	✓
OR	✓		✓	
Cath Lab	✓	✓	✓	✓
Stress Test	✓	✓	✓	✓
Cardiac Rehab	✓	✓	✓	✓
Echo-Cardio	✓	✓	✓	✓

When you need A Solution for Fragile Skin

In today's patient population, fragile skin is often a concern whether due to age, medication or repeated removal of adhesive products. It's a delicate balance to protect the patient's skin and maintain good adhesion to obtain acceptable ECG trace quality.

Conformable backings to follow skin contours. 3M™ Micropore™ and soft cloth tape backings are low profile to minimize catching of medical devices and fabrics. This reduces the risk of early lift which often necessitates electrode removal and replacement.

Gentle adhesives. Pressure Sensitive Adhesives (PSAs) need both pressure and warmth (from the patient's body) to achieve optimum adhesion. 3M has formulated some PSAs to be less sticky – thus gentler to skin.

Suggested Applications:

	2238	2239	2245	2249	2255
Cath Lab	✓	✓	✓	✓	✓
Echo-Cardio	✓	✓	✓	✓	✓
Peds ICU			✓		



3M™ Red Dot™
Soft Cloth Monitoring
Electrode 2238



3M™ Red Dot™
Micropore™ Monitoring
Electrode 2239

When you need A Solution for Fluid Resistance



3M™ Red Dot™ Monitoring Electrode 2228

Several 3M Red Dot Electrodes have a foam polyethylene backing that is fluid-resistant. Thus, they don't absorb liquids which could reduce the electrode's ability to adhere well. These electrodes are well suited for applications where fluids are present.

Foam and clear plastic backings. The clear plastic backing has the lowest profile of the fluid resistant monitoring electrodes. The foam backing has a higher profile, but is available with two different adhesive levels.

Three footprints. The surface area can be selected to meet patient needs.

Suggested Applications:

	2228	2244	2235	2237	2259
EMS/ED	✓	✓	✓	✓	✓
ICU/CCU	✓	✓	✓	✓	✓
Telemetry/Holter/Event	✓	✓	✓	✓	✓
OR	✓	✓	✓	✓	✓
Cath Lab	✓	✓	✓	✓	✓
Echo-Cardio	✓	✓	✓	✓	✓



3M™ Red Dot™ Clear Plastic Monitoring Electrode 2235



3M™ Red Dot™ Foam Monitoring Electrode 2237



3M™ Red Dot™ Monitoring Electrode 2259

Ordering Information

Standardization

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2560	1.60" x 1.36"	Foam	Sticky Gel			1000 electrodes/case 10/strip, 5 strip/bag, 20 bag/case
2570	1.60" x 1.36"	Foam	Sticky Gel	Yes	Yes	1000 electrodes/case 10/strip, 5 strip/bag, 20 bag/case
2570-3	1.60" x 1.36"	Foam	Sticky Gel	Yes	Yes	600 electrodes/case 3/strip, 1 strip/bag, 200 bag/case
2570-5	1.60" x 1.36"	Foam	Sticky Gel	Yes	Yes	1000 electrodes/case 5/strip, 5 strip/bag, 200 bag/case

Repositionability

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2660-3	1.56" x 1.25"	Repositionable	Bi-phasic Adhesive	Yes		600 electrodes/case 3/strip, 1 strip/bag, 200 bag/case
2660-5	1.56" x 1.25"	Repositionable	Bi-phasic Adhesive	Yes		1000 electrodes/case 5/strip, 1 strip/bag, 200 bag/case
2670-3	1.56" x 1.25"	Repositionable	Bi-phasic Adhesive	Yes		600 electrodes/case 3/strip, 1 strip/bag, 200 bag/case
2670-5	1.56" x 1.25"	Repositionable	Bi-phasic Adhesive	Yes		1000 electrodes/case 5/strip, 1 strip/bag, 200 bag/case

Pre-wired

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2269T	1.25" x .75"	Clear Tape	Conductive Adhesive	Yes		300 electrodes/case 3/strip, 10 bag/box, 10 box/case
2280	.9" x .9"	Soft Cloth	Conductive Adhesive			300 electrodes/case 3/bag, 100 bag/case
2282	.9" x .9"	Soft Cloth	Conductive Adhesive	Yes		300 electrodes/case 3/bag, 100 bag/case
2282L	.9" x .9"	Soft Cloth	Conductive Adhesive	Yes		300 electrodes/case 3/bag, 100 bag/case
2283	1.3" x .9"	Soft Cloth	Conductive Adhesive	Yes		300 electrodes/case 3/bag, 100 bag/case
2284	3.5" x 5"	Soft Cloth	Conductive Adhesive	Yes		300 electrodes/case 3/bag, 100 bag/case



Pediatric

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2245-50	1.75" diameter	Soft Cloth	Solid Gel			1000 electrodes/case 50/bag, 20 bag/case
2248-50	1.75" diameter	Micropore	Solid Gel			1000 electrodes/case 50/bag, 20 bag/case
2258-3	1.25" diameter	Soft Cloth	Solid Gel			600 electrodes/case 3/bag, 200 bag/case

Short Term Diagnostics

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2330	1.2" x .8"	Tab	Conductive Adhesive	Yes		4000 electrodes/case 10/card, 10 card/bag, 40 bag/case
2352	1.75" x .8"	Foam Snap	Wet Gel			1000 electrodes/case 10/bag, 100 bag/case
2360	1.2" x .8"	Tab	Conductive Adhesive	Yes		4000 electrodes/case 10/card, 10 card/bag, 40 bag/case

Diaphoretic

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2230	2.2" x 2"	Foam	Solid Gel			1000 electrodes/case 50/bag, 20 bag/case
2231	2.2" x 2"	Soft Cloth	Solid Gel			1000 electrodes/case 50/bag, 20 bag/case
2270-3	2.2" x 2"	Foam	Solid Gel		Yes	600 electrodes/case 3/bag, 200 bag/case
2270-5	2.2" x 2"	Foam	Solid Gel		Yes	1000 electrodes/case 5/bag, 200 bag/case
2270-50	2.2" x 2"	Foam	Solid Gel		Yes	1000 electrodes/case 50/bag, 20 bag/case
2271-3	2.2" x 2"	Soft Cloth	Solid Gel		Yes	600 electrodes/case 3/bag, 200 bag/case
2271-5	2.2" x 2"	Soft Cloth	Solid Gel		Yes	1000 electrodes/case 5/bag, 200 bag/case
2271-50	2.2" x 2"	Soft Cloth	Solid Gel		Yes	1000 electrodes/case 50/bag, 20 bag/case

Ordering Information (cont.)

Fragile Skin

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2238	2.4" diameter	Soft Cloth	Solid Gel			1000 electrodes/case 50/bag, 20 bag/case
2238-3	2.4" diameter	Soft Cloth	Solid Gel			600 electrodes/case 3/bag, 200 bag/case
2238-5	2.4" diameter	Soft Cloth	Solid Gel			1000 electrodes/case 5/bag, 200 bag/case
2239	2.4" diameter	Micropore	Solid Gel			1000 electrodes/case 50/bag, 20 bag/case
2245-50	1.75" diameter	Soft Cloth	Solid Gel			1000 electrodes/case 50/bag, 20 bag/case
2249-50	2.4" diameter	Micropore	Solid Gel		Yes	1000 electrodes/case 50/bag, 20 bag/case
2255-50	2.4" diameter	Soft Cloth	Solid Gel		Yes	1000 electrodes/case 50/bag, 20 bag/case

Fluid Resistant

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2228	1.57" x 1.3"	Foam	Sticky Gel			1000 electrodes/case 10/strip, 5 strip/bag, 20 bag/case
2228-3	1.57" x 1.3"	Foam	Sticky Gel			600 electrodes/case 3/strip, 1 strip/bag, 200 bag/case
2228-5	1.57" x 1.3"	Foam	Sticky Gel			1000 electrodes/case 5/strip, 1 strip/bag, 200 bag/case
2230	2.2" x 2"	Foam	Solid Gel			1000 electrodes/case 50/bag, 20 bag/case
2235	2" diameter	Clear Plastic	Solid Gel			1000 electrodes/case 5/bag, 20 bag/case
2237	1.75" diameter	Foam	Solid Gel			1000 electrodes/case 5/bag, 20 bag/case
2237-3	1.75" diameter	Foam	Solid Gel			600 electrodes/case 3/bag, 200 bag/case
2237-5	1.75" diameter	Foam	Solid Gel			1000 electrodes/case 5/bag, 200 bag/case
2244	1.57" x 1.3"	Foam	Sticky Gel	Yes		1000 electrodes/case 10/strip, 5 strip/bag, 20 bag/case
2256-50	2" diameter	Foam	Wet Gel			1000 electrodes/case 50/bag, 20 bag/case
2259-3	2" diameter	Foam	Solid Gel		Yes	600 electrodes/case 3/bag, 200 bag/case
2259-50	2" diameter	Foam	Solid Gel		Yes	1000 electrodes/case 50/bag, 20 bag/case



Fluid Resistant (cont.)

Product No.	Size	Backing Type	Gel Type	Radiolucent	Built in Abrader	Packaging
2270-3	2.2" x 2"	Foam	Solid Gel		Yes	600 electrodes/case 3/bag, 200 bag/case
2270-5	2.2" x 2"	Foam	Solid Gel		Yes	1000 electrodes/case 5/bag, 200 bag/case
2270-50	2.2" x 2"	Foam	Solid Gel		Yes	1000 electrodes/case 50/bag, 20 bag/case
2560	1.60" x 1.36"	Foam	Sticky Gel			1000 electrodes/case 10/strip, 5 strip/bag, 20 bag/case
2570	1.60" x 1.36"	Foam	Sticky Gel	Yes	Yes	1000 electrodes/case 10/strip, 5 strip/bag, 20 bag/case
2570-3	1.60" x 1.36"	Foam	Sticky Gel	Yes	Yes	600 electrodes/case 3/strip, 1 strip/bag, 200 bag/case
2570-5	1.60" x 1.36"	Foam	Sticky Gel	Yes	Yes	1000 electrodes/case 5/strip, 5 strip/bag, 200 bag/case

Other Supplies

Product No.	Size	Description	Packaging
2236	.75" x .196"	Trace Prep Tape	1 roll, 36 roll/case

To learn more about the 3M Red Dot Electrodes, call the 3M Health Care Helpline at 1-800-228-3957 or visit www.3M.com/reddotelectrodes.



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