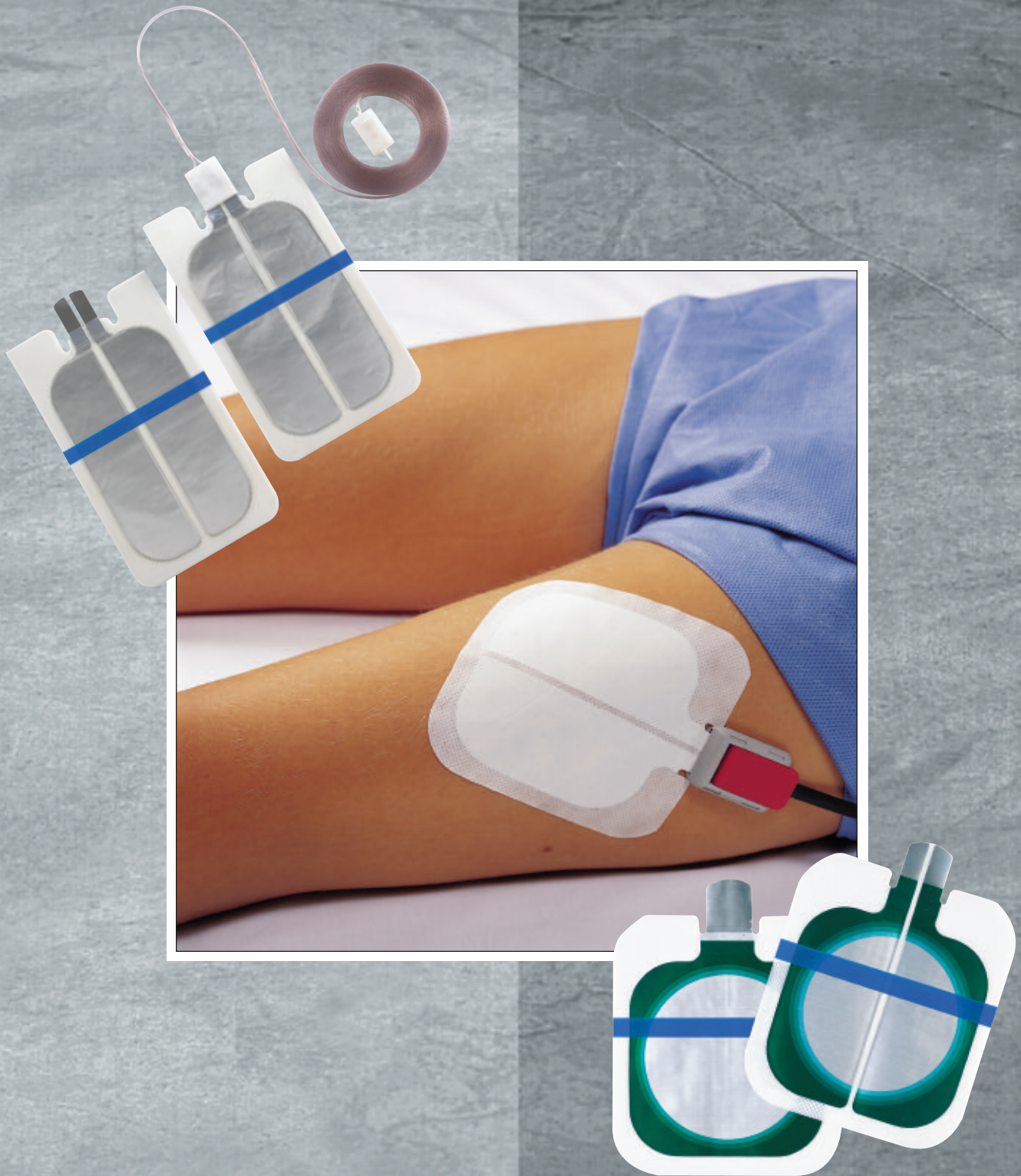


# 3M™ Electrosurgical Pads



3M Medical  
*from the 3M Health Care family*



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### **Split-Plate Indemnification Agreement.**

Use the 3M split-pad with those brands of electrosurgical generators listed in our indemnification agreement and 3M will indemnify your hospital, and its employees, medical and professional staff. Please contact your local 3M Sales Representative for more details. If your hospital is like most, it has multiple brands of generators. Our broad indemnification may allow your hospital to standardize on one brand of pad.

- Offered to the hospital and its employees, medical and professional staff
- Applies as long as claim is promptly reported to 3M
- Provides that 3M will defend litigation, not just pay back hospital later if hospital is found liable.
- Applies even if hospital is found to be liable and 3M not liable.



### **3M Education Programs.**

3M provides in-depth continuing education to nurses and technicians to help improve patient and staff safety. For example:

- The PAES Electrosurgery Safety Seminar: a program for healthcare professionals that reviews practical safety measures and that has been approved for one continuing education unit (CEU) by the American Nurses Association's Board of Accreditation.
- Posters, literature, and videos that outline proper procedures and safety tips for using patient plates.

# 3M™ Universal Electrosurgical Pad 9100 Series with *Safety Ring*.

The revolutionary electrosurgical pad is easy to place because of its smaller size.

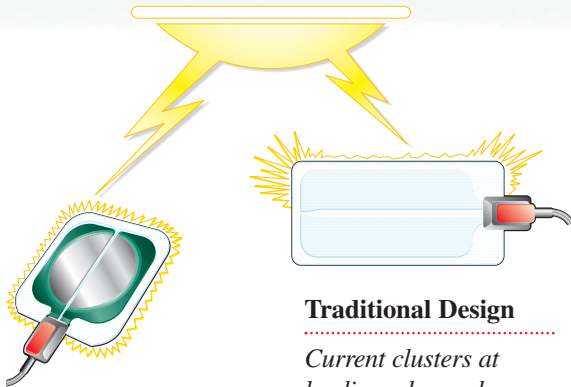
The 3M™ Universal Electrosurgical Pad 9100 Series with proprietary Safety Ring is a breakthrough in electrosurgical pad technology. This pad is smaller in size — a mere 15 square inches — so it's very easy to place, while maintaining the safety of traditional pads up to 33% larger in conductive surface area.

The Universal Pad demonstrates a maximum temperature rise similar to traditional pads up to 33% larger and meets the performance criteria set forth by the Association for the Advancement of Medical Instrumentation (AAMI) for Maximum Safe Temperature Rise (AAMI Standard HF-18, 2001 Revision, Section 4.2.3.1).

## A solution to an old problem.

The tendency of electrosurgical current and heat to cluster at the leading edge of a non-capacitive pad has been a long standing industry-wide design problem. With the 3M Universal Pad, the problem has been solved.

S U R G I C A L   S I T E



### 3M™ Universal Electrosurgical Pad with *Safety Ring*

*Uniform dispersion of current allows smaller size and universal orientation*

### Traditional Design

*Current clusters at leading edge and corners, thus requiring placement perpendicular to surgical site*

## Easy to place because it's smaller.

Forget about the limitations of traditional pads (below, left). The smaller-sized 3M Universal Pad will fit a greater number of suitable placement sites on the patient and can be oriented in any direction.

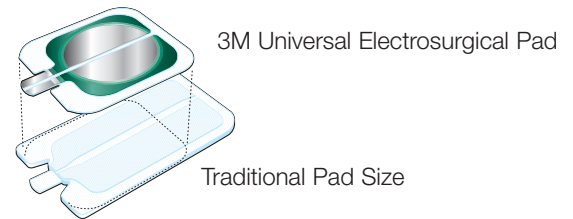
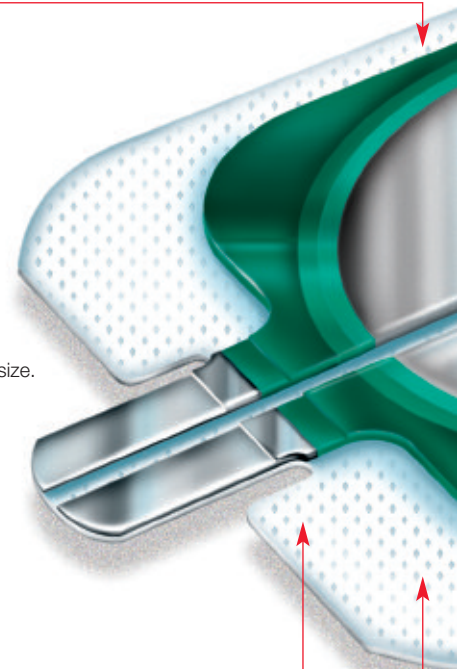


Illustration shown is actual size.



## Unique backing keeps out unwanted fluids.

- Backing includes a non-woven laminant and a layer of polyethylene — a construction similar to that of surgical drapes. This material forms a barrier to moisture; it is waterproof and fluid resistant.
- Non-conductive isolation border surrounds the conductive adhesive gel to help seal out unwanted fluids. The pad's border adhesive is similar in properties to the 3M™ Micropore™ Tape.

## Stress flaps to prevent dislodging.

Stress flaps play a critical role in holding the tab end of the plate securely to the patient, minimizing dislodging if the cable or cord is inadvertently pulled.

Latex indication: neither natural rubber latex nor dry natural rubber are components in Electrosurgical Pads 9100 Series or their packaging.

**More evenly distributed current because of Green Safety Ring.**

RF current is reduced at the leading edge and corners, and dispersed more uniformly over the pad's entire surface. This allows the pad to be smaller and easier to place, and still have a thermal performance similar to traditional pads that are up to 33% larger in conductive surface.

**Excellent pad-to-skin contact.**

Water-based hydrophilic conductive adhesive provides exceptional pad-to-skin contact, flowing uniformly into skin crevices.

**Reduced chance of skin stripping.**

For patients with fragile skin, our non-aggressive border adhesive reduces possibility of skin stripping.

**Transtermal backing permits heat to escape faster.**

Traditional grounding pad technology uses foam as the backing material of choice. Unfortunately, foam locks in heat. The 3M Universal Pad employs a transtermal backing material similar to that of surgical drapes, letting heat escape 25% faster than foam and reducing risk of unsafe temperature rise.



**A cost-effective, universal solution.**

- You can standardize on the 3M Universal Pad, eliminating SKUs. As long as 100% of the pad makes full contact with the patient at a suitable placement site without overlap, there are no limitations on age or weight. A separate inventory of "infant" pads may not be necessary.
- This pad has been specifically designed to be compatible with most major brands of generators.
- Three-year shelf life allows for efficient inventory management.

# 3M™ Electrosurgical Patient Plates 1100 Series.

Low impedance, low current density connection  
with minimal skin irritation and trauma.

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The 1100 Series of electrosurgical patient plates has a soft, gel-like, conductive adhesive surrounded by an isolation border on foam backing. Product benefits include:

- **Stress flaps to secure tab end of pad**
- **3M water-based (hydrophilic) conductive adhesive readily flows into skin crevices, providing exceptional pad to skin contact**
- **Non-conductive border adhesive**
- **Available in split and solid styles, and with or without pre-attached cord**



3M™ Electrosurgical Patient Plate  
1100 Series, Small

3M™ Electrosurgical Patient Plate  
1100 Series, Large



## Ordering Information

### 3M™ Universal Electrosurgical Pads with Safety Ring 9100 Series

Catalog Number	Description	Conductive Adhesive Area	Pads/Pouch	Pads/Shipper
9130	Standard (non-split), uncorded,	15 sq. in.	1	100
9130F	Standard (non-split), uncorded,	15 sq. in.	5	200
9135	Standard (non-split), with pre-attached cord	15 sq. in.	1	40
9160	Split, Uncorded	15 sq. in.	1	100
9160F	Split, Uncorded	15 sq. in.	5	200
9165	Split, with pre-attached cord,	15 sq. in.	1	40
9165L	Split, with pre-attached 15' cord,	15 sq. in.	1	40

### 3M™ Electrosurgical Patient Plates 1100 Series

Catalog Number	Description	Conductive Adhesive Area	Pads/Pouch	Pads/Shipper
1179	Large split pad with pre-attached cord	20 sq. in./129cm <sup>2</sup>	1	40
1180	Large split pad without cord	20 sq. in./129cm <sup>2</sup>	1	100
1180F	Large split pad without cord	20 sq. in./129cm <sup>2</sup>	1	100
1181	Small split pad with pre-attached cord	10 sq. in./64.5cm <sup>2</sup>	1	40
1182	Small split pad without cord	10 sq. in./64.5cm <sup>2</sup>	1	100
1149C	Large solid pad with pre-attached cord	20 sq. in./129cm <sup>2</sup>	1	40
1149	Large solid pad without cord	20 sq. in./129cm <sup>2</sup>	1	100
1149F	Large solid pad without cord	20 sq. in./129cm <sup>2</sup>	1	100
1148	Small solid pad with pre-attached cord	10 sq. in./64.5cm <sup>2</sup>	1	40
1146	Small solid pad without cord	10 sq. in./64.5cm <sup>2</sup>	1	100

### 3M™ Electrosurgical Pads 7100 Series

Catalog Number	Description	Conductive Adhesive Area	Pads/Pouch	Pads/Shipper
7179	Large split pad with pre-attached cord	20 sq. in./129cm <sup>2</sup>	1	40
7180	Large split pad without cord	20 sq. in./129cm <sup>2</sup>	1	100
7180F	Large split pad without cord	20 sq. in./129cm <sup>2</sup>	5	100
7149C	Large solid pad with pre-attached cord	20 sq. in./129cm <sup>2</sup>	1	40
7149	Large solid pad without cord	20 sq. in./129cm <sup>2</sup>	1	100
7149F	Large solid pad without cord	20 sq. in./129cm <sup>2</sup>	5	100

Also available:

3M Electrosurgical Grounding Pad and Accessory Guide.

For more information, contact your 3M 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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40% Pre-consumer waste paper  
10% Post-consumer waste paper

\*US Patent Numbers:  
4,352,359 4,539,996  
4,524,087 5,836,942

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