

3M Expands Adhesive Portfolio for Wearable Medical Devices

New extended wear medical transfer adhesive enables engineers to use a wide variety of backings

ST. PAUL, Minn.--([BUSINESS WIRE](#))--When considering adhesive science and the challenges of skin as a substrate, design engineers know sticking to skin can be tricky. Adhesive plays a critical role in the success of a medical device, whether it's holding the device together or adhering it to the wearer's skin. Today, 3M announced it has added 3M™ Extended Wear Medical Transfer Adhesive, 4075 to its lineup of advanced adhesives for medical devices. Designed to laminate many substrates, 3M medical transfer adhesive, 4075 features an extended wear pressure sensitive transfer adhesive and allows design engineers to use a variety of backings. 3M medical transfer adhesive, 4075 offers excellent initial skin adhesion with up to a 14-day wear time, depending on the backing material used.

"We are excited to broaden our extended wear family with a product that provides customers greater design flexibility by letting them select a wide variety of backings," said Marcello Napol, vice president in 3M's Medical Solutions Division. "Offering design engineers more patient-friendly adhesive options that provide comfort and a strong, reliable bond is a key part of our mission. Our customers work hard to make a difference in people's lives, and our goal is to make it easier for them to work with challenging substrates like skin."

3M medical transfer adhesive, 4075 meets requirements to use on intact skin. It has been tested to ISO:10993-5 and ISO:10993-10, which assess the *in vitro* cytotoxicity and a product's potential to produce irritation and skin sensitization, respectively. It is ethylene oxide sterilization compatible. The tape is part of the extensive adhesives product line 3M offers the medical device manufacturing, design and supply industries. Through the company's diversity of technologies – paired with its 55+ years of experience in the medical adhesive business and team of experts – 3M provides medical device professionals with the tools they need to satisfy their project requirements and confidently navigate their way to market.

To learn more about 3M™ 4075, visit 3M.com/MedTech. Design engineers can also visit findmyadhesive.com for help selecting the right adhesive for their next medical device project. Created by 3M, Find My Adhesive is an online resource that uses a series of project-specific questions to identify a list of the most appropriate medical adhesive suggestions.

About 3M

At 3M, we apply science in collaborative ways to improve lives daily. With \$33 billion in sales, our 93,000 employees connect with customers all around the world. Learn more about 3M's creative solutions to the world's problems at www.3M.com or on Twitter @3M or @3MNews.

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Heather Morrison|Inprela Communications|612-677-2023 heather@inprela.com Marcello Napol|3M|651-733-9832 mnapol@mmm.com

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3M™ Extended Wear Medical Transfer Adhesive, 4075 (3M™ 4075) features an extended wear pressure sensitive adhesive and allows design engineers to use a variety of backings. (Photo: Business Wire)

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3M® Extended Wear Medical Transfer Adhesive, 4075 (3M® 4075) features an extended wear pressure sensitive adhesive and allows design engineers to use a variety of backings. (Photo: Business Wire)


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