

Adhesives with staying power



Medical device manufacturers and engineers need long-term wear adhesive solutions that increase patient comfort and provide strong and reliable bonds in challenging applications when adhering to skin.

That is why we designed our new family of extended wear adhesives for wearable medical device applications. These additions join our family of go-to products, giving design engineers even more skin-friendly options.

Our “go-to” products for wearable medical device applications*

PRODUCT	BACKING	ADHESIVE	BREATHABLE	REPOSITIONABLE	CONFORMABLE	WATER RESISTANT	WEAR TIME (DAYS)
4576	Nonwoven	T. Acrylic	●		●		≤ 21
4075	N/A	T. Acrylic	●**		●	●	≤ 14
4076	Nonwoven	T. Acrylic	●		●		≤ 14
4077	Elastic NW	T. Acrylic	●		●	●	≤ 14
1776	Nonwoven	Acrylic	●		●		≤ 10
1530/1533L	Rayon NW	Acrylic	●				≤ 10
9907HTW	Elastic NW	HT Acrylic	●		●	●	≤ 10
9834/9836	Polyurethane	Acrylic	●		●	●	≤ 7
9907T/9907W	Elastic NW	T. Acrylic	●		●	●	≤ 7
2484	Polyurethane	HT Silicone	●	●	●	●	≤ 7
1577 (Acr side)	Polyester Film	HT Acrylic/Syn. Rubber				●	≤ 7
9917	Nonwoven	Acrylic	●**		●	●**	≤ 7
1774W/1774T	PO Foam	Acrylic			●	●	≤ 5
1529/1530L	Rayon NW	Acrylic	●				≤ 5
2480	Nonwoven	HT Silicone	●	●	●	●	≤ 4
2475P	Thermoplastic Elastomer Film	Silicone	●	●	●	●	≤ 3
2477P	TPE Film	Silicone/Acrylic	●	●	●	●	≤ 3
2476P	Nonwoven	Silicone	●	●	●	●	≤ 3
1522	Polyethylene	Acrylic				●	≤ 3
1587	Polyester Film	Acrylic/Syn. Rubber			●	●	≤ 3
9865/1525L	Polyethylene	Acrylic				●	≤ 3
1510	Polyethylene	Syn. Rubber			●	●	≤ 2
1567/9877	Polyester Film	Syn. Rubber				●	≤ 2

Light = Single coated tape **Bold = Double coated tape or transfer adhesive**

* Length of wear time can vary on application, thickness, area on body, and age of user.
** May be impacted by substrate used.

Material selection and partner selection go hand in hand.



It's simple: as your partner from the start, 3M can help make your material selection process a whole lot easier.

We offer a wide variety of adhesive, backing and tape construction options for different manufacturing processes and patient populations. From highly active patients to those with fragile skin, we can help you select components that both function well together and maintain skin integrity.

As a collaborative partner with decades of experience and global leadership, we also offer supply chain traceability, ISO:13485 operating standards, ISO:10993 biocompatibility testing and validated manufacturing equipment.

No problem is too big or too small for our team of experts to tackle.

**Working together, we can help your customers
Wear It Well.**

Visit [3M.com/MedTech](https://www.3M.com/MedTech) to learn more.

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