



Science.  
Applied to Life.™

3M Medical Materials and Technologies

# Bonded by trust.

**3M™ Double-Coated Medical  
Tapes and Transfer Adhesives**  
A wide range of adhesives and  
carriers, from gentle-to-skin  
medical tapes to high-strength  
bonding for device assembly.



# Today's answers. Tomorrow's solutions.



Multi-layer wound dressings • Ostomy devices • Surgical drapes • Diagnostic devices

## Helping you design and build more reliable, innovative and feature-rich medical devices.

How do you choose the best way to attach one substrate to another — especially if that "other" is a human being?

For medical device manufacturers, the choice can be critical — affecting device reliability, cost and patient comfort.

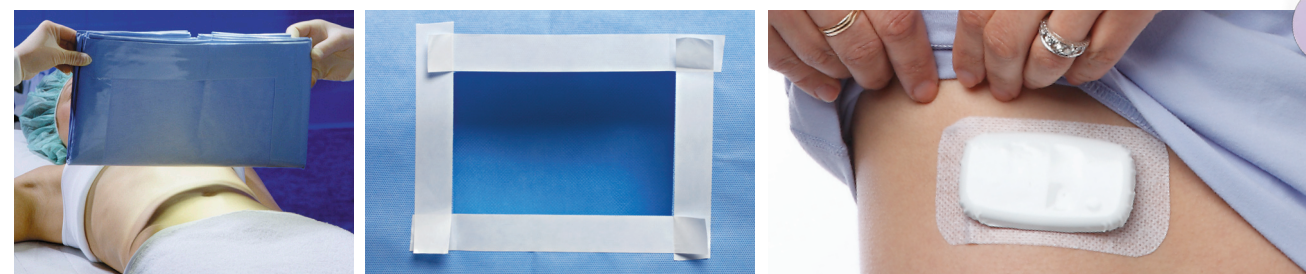
3M can help make these decisions easier.

Our double-coated medical tapes and transfer adhesives offer medical device designers a high degree of flexibility for construction and attachment. They are ideal for device-to-skin and device-to-device applications, where medical grade, clinically tested components are required.

3M double coated tapes can bond directly to the skin, as well as to foams, nonwovens, films, plastics, metal and other components. Based on an extensive range of adhesive and carrier combinations, our medical and assembly tapes are available with a variety of features:

- Conformable
- Fluid resistant
- Gentle or aggressive adhesive
- Can be sterilized
- Repeat skin adhesion
- Short or long wear times

# tomorrow's breakthroughs.



Prosthetic devices · Electrodes & sensors · Hair piece attachment · Fashion/body tape · Prosthetics

## More options. More answers.

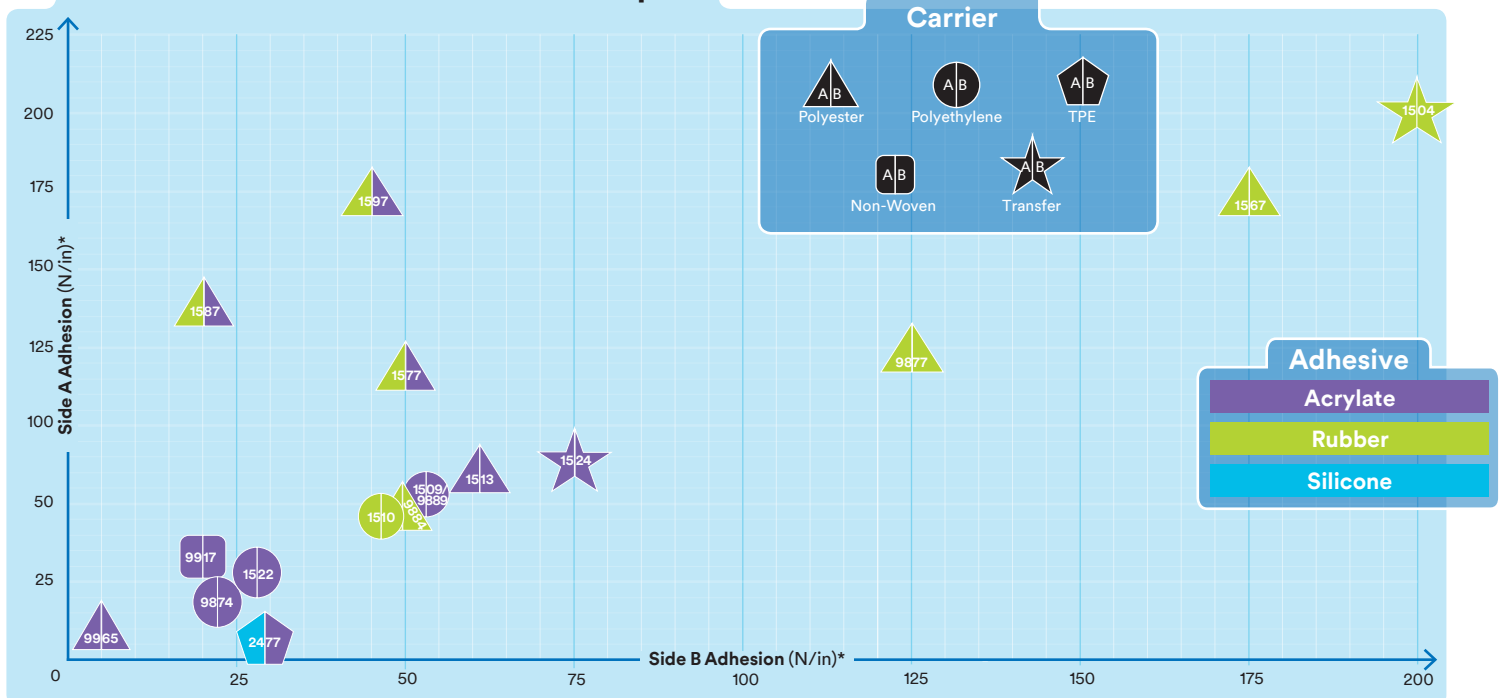
### 3M Double-Coated Tapes Selection Guide

All of our medical grade tapes are tested for clinical safety and regulatory requirements.

Feature	1504	1509	1510	1513	1522	1524	1567	1577	1587	1597	2477	9874	9877	9884	9889	9917	9965
Repeat Skin Contact	X	X	X	X	✓	X	X	X	✓	X	✓	✓	X	X	X	✓	N/A
Conformability	HIGH	MED	MED	LOW	MED	HIGH	LOW	LOW	LOW	LOW	HIGH	MED	LOW	LOW	MED	HIGH	LOW
Thickness (mils)	4.0	4.9	3.8	3.4	6.3	2.5	5.0	3.6	3.4	3.9	7.2	4.9	4.5	2.3	4.9	12.0	3.4
Fluid Resistance	X	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	X	✓
Non-Sensitizing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sterilization	G E S	G E	G E	G E S	G E	G E S	G E S	G E S	G E S	G E S	E	G E	G E S	G E S	G E	G E	G E

G - Gamma E - Ethylene Oxide S - Steam

### Adhesion level of double-coated tapes





## At 3M, great products are just the beginning.

- Local technical support and customization facilities
- Fast, responsive sampling service
- Flexible order quantities
- 50+ years of health care expertise
- Confidential partnering and dedicated account manager

## Technology with a personal touch.

When you are designing a device that must attach to a patient's skin, a lot depends on your choice of adhesive system. How long will the device remain on the patient? What skin types or conditions will be encountered? Will the adhesive be compatible with both your materials of construction and the patient?

These are questions best answered while your device is still on the drawing board. And that's where 3M can help.

### 100+ years of "Sticky Science"

Formulating and applying adhesives has been a core 3M technology since 1901. Today, we offer a wide range of medical-grade tapes and components used by device manufacturers around the world. This includes "skin-friendly" materials, intended for direct skin contact, and more aggressive tapes, adhesives and closures used in the actual construction of devices made from plastic films, foams and fabrics.

By bringing in 3M at the product concept stage, you can take advantage of our expertise to potentially speed up your design process – with solutions that can help improve device reliability, enhance performance and reduce costs. At the same time, you gain access to 3M's entire technology portfolio, to expand your design options, and resources that include manufacturing guidance, global supply chain capabilities, product testing and clinical support. Whatever product development stage you're at, we're ready to help you succeed – by delivering great science with a personal touch.

**Visit our website to learn more: [3M.com/MedTech](http://3M.com/MedTech)**



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70-2011-5711-5