

Company: Vitls

Location: Houston, TX USA

POC: Werner Vorster, CEO

Website: <https://www.vitlsinc.com>

Avery Dennison Medical Products used:

MED 5741, MED 2123R

Converter: PSC Industries, Jeff Stetler

Product: Tego



Questions/ Answers:

1. Why did you choose the MED 5741/ MED 2321R as your skin contact/ tie layer tapes?

We needed an adhesive with reliable mid- to long-term adhesion to the skin as well as extremely low atrophy, and we found MED 5741 to be the best fit for both these requirements. For our tie layer, we require an adhesive that laminates the different layers of our enclosure securely together with 0% chance of lifting/losing its adhesive properties. MED 2123R sits like cement and also doesn't let any water or sweat through.

2. Explain to me how the MED 5741 skin contact tape helps your device function? What are the benefits you see by using this tape?

It provides reliable coupling to the skin that ensures we get accurate measurements.

MED 5741 also has extremely low atrophy during long-term wear.

3. What kind of learnings did you and your team find when developing a stick to skin wearable using the Avery Dennison Medical tapes on the Vitls product?

Real-world testing is definitely a must-do. There are different skin types and we need to test on as many as possible when selecting a medical tape. We tested adhesives from ALL the major manufacturers and none came even close to Avery Dennison's products. Not all medical tapes are created equal...

4. How has the technical support from Avery Dennison Medical been during your development phase for the device?

The support from Avery Dennison Medical has been incredible, they're always willing to send samples for us to conduct testing. If you walk into our office you might think we're an Avery Dennison Medical office with all the red boxes with "Roll with Us" on the side, lying around.

5. Would you recommend Avery Dennison Medical to other wearables device companies looking for a materials science company that needs to spec in a multi-layer tape system for their device?

100%! Any company, and startups even more so, will need partners who work with them during development to find the best solutions for their challenges and Avery Dennison Medical is one of those companies.