

A bond beyond

Introducing the 3M™ On Demand Bonding System featuring 3M™ VHB™ Extrudable Tape, a simple, automated solution that integrates into your assembly line and can launch your manufacturing process into the future.

In Collaboration with



Beyond efficiency

The 3M™ On Demand Bonding System featuring 3M™ VHB™ Extrudable Tape can improve your manufacturing process efficiency—and your bottom line.

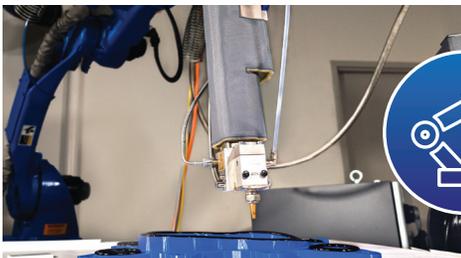
- Parts can be handled immediately
- Requires little to no surface preparation
- Easy to use and store
- Stretch release allows for clean removal



Beyond versatility

With the ability to adapt to a variety of processes, designs, and substrates, this system gives you unmatched versatility. Bonds to a wide variety of substrates, including hard-to-bond materials.

- Bonds curved surfaces and dissimilar shapes
- Fills in gaps with a smooth, clean appearance
- Can be deployed for inline or offline assembly



Beyond simplicity

The 3M™ On Demand Bonding System featuring 3M™ VHB™ Extrudable Tape is a fully automated solution that easily integrates into your assembly line. There's never been a better time to add automation into your workflow.

- Automation reduces your dependence on skilled or specialized labor
- Automation ensures the most consistent product
- Reduces complexity in your processes and workflow
- Standardize your materials by replacing multiple adhesives



Beyond sustainability

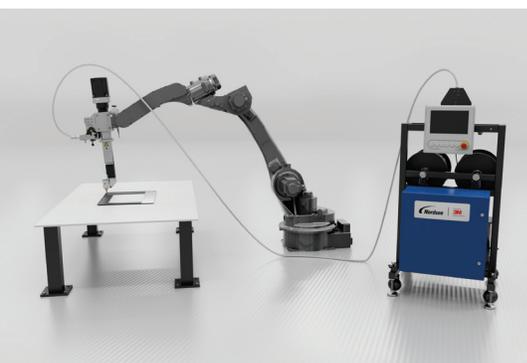
As you adapt to regulatory and consumer demands for environmental responsibility, the 3M™ On Demand Bonding System featuring 3M™ VHB™ Extrudable Tape can help you meet your company's sustainability goals.

- Stretch release means less waste, faster rework, and easier component recycling
- Reduces the need to purge the dispenser and discard purged adhesive
- No liner waste or die-cut waste, as with tape
- No residual waste

The 3M™ On Demand Bonding System featuring 3M™ VHB™ Extrudable Tape

Benefit vs. other adhesive systems

Features	3M™ On Demand Bonding System	Other adhesive systems and fastening methods
Heated equipment requirement for dispensing	All-in-one system warms tape for extrusion	May need several pumps, hoses, and/or tanks
Storage requirements	No special requirements	May have short shelf life and require special storage conditions
Temperature/humidity requirements for curing	No special requirements	May need to maintain climate-controlled environment
Resources required for handling	Minimal, if any—immediate handling strength	Up to six hours—requires clamping and space to store work in process, as well as additional process steps
System purge between cycles	Little to none needed	Required purging can lead to up to 20% adhesive waste
Substrate preparation	Little to none needed	Time, materials, and labor required to prepare
Reworkability	Can disassemble and rework	Time-consuming rework; may even need to scrap products and start over
Product design requires bonding of various shapes and dissimilar substrates	One adhesive can do it all	Requires different adhesives and/or fasteners for different geometries or substrates
Sealing	Air- and watertight seal	May not have sealing capabilities



Components of the 3M™ On Demand Bonding System:

- Nordson® ProBond™ System
- 3M™ VHB™ Extrudable Tape GP*

*UL746C listed

Learn more at 3M.com/VHB.



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