

3M Science.
Applied to Life.™



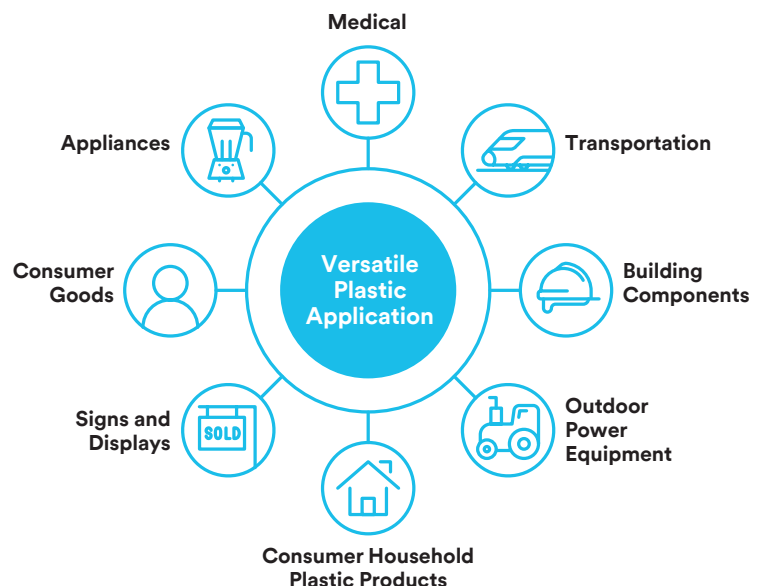
Rethink what's possible.

Do more with plastics and other low surface energy materials.

3M™ VHB™ Tape LSE Series

Plastics, composites and other low surface energy (LSE) materials are integral to the future of manufacturing. Unfortunately, bonding these materials with adhesives can be difficult and often requires the use of a primer or adhesion promoter.

The 3M™ VHB™ Tape LSE Series is a double-sided acrylic foam tape developed specifically for LSE substrates such as polypropylene (PP), thermoplastic elastomers (TPE), thermoplastic olefins (TPO), and composites to create a long-lasting, high-strength bond without the use of a primer or promoter. Now you're free to choose the material that's right for your design.



Why choose 3M™ VHB™ Tape LSE Series?

Features and Benefits

- ▶ Permanent, durable bond strength in a lightweight tape
- ▶ Can bond LSE materials like PP, TPO and TPE without priming, reducing process steps and harsh chemicals
- ▶ Simple and easy to apply, saving you time and money
- ▶ Long-term durability outdoors
- ▶ Bond dissimilar materials difficult to join with traditional methods
- ▶ Can be die-cut into precise shapes
- ▶ High initial tack at low temperatures on frost-free surfaces down to 0°C

Streamline design
aesthetic to bring
your vision to life.

Competition

- ▶ Liquid adhesives
- ▶ Ultrasonic welding
- ▶ Mechanical fasteners

Ordering Information

| 3M Product | 3M ID | Legacy ID | UPC | Size | Thickness | Case Qty |
|-------------------------|------------|-------------|----------------|----------------|-----------|----------|
| | 7100218843 | 70007542668 | 00638060405475 | 1 in x 36 yd | | 9 |
| 3M™ VHB™ Tape LSE-060WF | 7100218845 | 70007542346 | 00638060405444 | 1/2 in x 36 yd | 25 mil | 18 |
| | 7100219926 | 70007542353 | 00638060405468 | 3/4 in x 36 yd | | 12 |
| 3M™ VHB™ Tape LSE-110WF | 7100218848 | 70007542544 | 00638060405581 | 1 in x 36 yd | | 9 |
| | 7100218846 | 70007542528 | 00638060405567 | 1/2 in x 36 yd | 45 mil | 18 |
| | 7100218847 | 70007542536 | 00638060405574 | 3/4 in x 36 yd | | 12 |
| 3M™ VHB™ Tape LSE-160WF | 7100218752 | 70007542676 | 00638060405635 | 1 in x 36 yd | | 9 |
| | 7100218844 | 70007542551 | 00638060405598 | 1/2 in x 36 yd | 62 mil | 18 |
| | 7100218834 | 70007542569 | 00638060405604 | 3/4 in x 36 yd | | 12 |



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Web 3M.com/VHB-LSE

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