



**VANI** INDUSTRIAL  
INNOVATIONS

**TOMORROW'S  
TECHNOLOGY  
DELIVERED TODAY**



**Science.  
Applied to Life.™**



A hand holding a globe with industrial and renewable energy backgrounds. The background is a composite image featuring a person in a blue shirt holding a globe, with industrial structures and wind turbines visible through the glass.

# ABOUT VANI INDUSTRIAL INNOVATIONS

Vani Industrial Innovations is a trusted distributor of high-performance industrial materials. With deep expertise and a robust national footprint, we enable India's industries to access world-class materials, supported by strong technical service and seamless logistics.

**Vani**  **3M**

## A Partnership for Performance

As an authorized distributor for 3M, Vani brings proven bonding technologies to India's industrial ecosystem. Our technical understanding, industry reach, and responsive support complement 3M's innovation, helping clients choose the right solutions for performance, durability, and reliability.



# INDUSTRIAL ADHESIVE & TAPES DIVISION (IATD)

3M Offers a wide range of bonding products to do just that across different industries, applications & substrates

## Material Bonding

Different substrates have different characteristics that dictate how an adhesive or tape will interact where they make contact.

- Metal
- Engineered Plastics
- Traditional Materials
- LSE Plastics

## Adhesive

Joint Design and Adhesive Chemistry come together to make your adhesively bonded joint meet your performance requirements and customer expectations.

## Assembly Types

- Panel-to-Frame/Stiffener-to-Panel
- Small Joint Assembly
- Large Surface Lamination
- Mounting and Trim Attachment
- Gasketing
- Sealing, Potting and Encapsulating

## Industries served



Automotive



Appliances



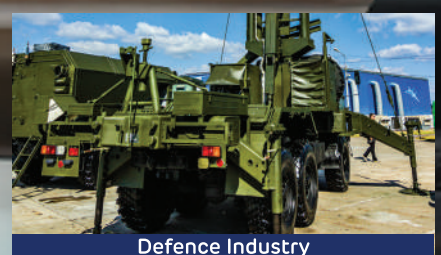
Electronics



Aerospace



Railways



Defence Industry



## Vinyl Tapes



471, 766, 765DC, 767  
971- HEAVY DUTY

## VHB Tapes



4910, 4945, 5952  
4905 Clear, 5962

## Adhesive Tapes



966, Scotch ATG Tape 969,  
467 MP, 468 MP, 5962

## Masking Tapes



2214, 501+, 2307  
2693, 232

## Safety Tapes



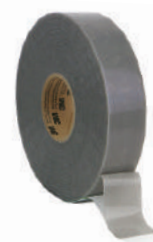
2214, 370, 530,  
690, 770

## Double Coated Tapes



91088, Polyester TAPE 91089, 91091,  
GPT-020F, Mirror Mounting 4026

## Extreme Sealing Tape



TAPE 4411, TAPE 4411B, TAPE 4412N,  
TAPE 4412G, TAPE 4412N

## Aluminium Foil Tape



425

## Primer 94



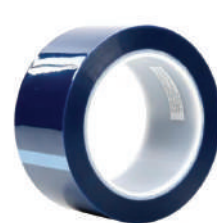
4910, 4945, 5952  
4905 Clear, 5962

## Duct Tapes



3939, 2120, DT11,  
DT8

## Polyester Tape



8991, 8992

## Plastic & Rubber Instant Adhesive



PR100

## Polyester Film Tape



850

## Neoprene/Nitrile High Performance Rubber & Gasket Adhesives



EC-1300, 1300L Yellow Quart & 847

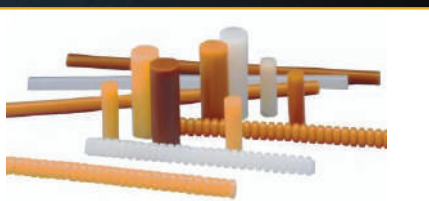


## Low Odour Acrylic Adhesive



8810NS

## Hot Melt Adhesives



3748 (Off White), 3748 VO (Light Yellow), 3764 (Clear), 3779 (Amber), 3789 (Brown)

## High Gel Re-enterable Encapsulant



8882

## Spray Adhesives



Multipurpose, Hi-strength, Heavy Duty

## PU Sealants



PU540, PU560

## Structural Adhesives



Epoxy, Acrylic & Urethane

## Contest and Spray Adhesives



HoldFast 70 Cylinder Spray, Hi-Strength 90 Spray

## Reclosable Fasteners



SJ3550

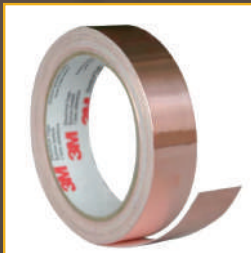
## The bonding continuum

Adhesive Load Bearing Capability	
Type	Overlap Shear (MPa)
3M® Scotch-Weld® Structural Adhesives	7.0 – 4.0
3M® Scotch-Weld® PUR Adhesives	2.8 – 7.0
3M® Adhesive Sealants	2.0 – 5.5
3M® Hot Melt Adhesives	1.7 – 4.8
3M® VHB® Tapes	0.3 – 3.0
3M® Contest and Spray Adhesives	0.3 – 1.0
3M® Reclosable Fasteners	0.1 – 0.40
3M® Adhesive Transfer Tapes, 3M® Double-Coated Tapes	0.01 – 0.1

# ELECTRONICS MATERIALS SOLUTION DIVISION (EMSD)

3M™, in collaboration with Vani Industrial Innovations, delivers cutting-edge electrical solutions for energy distribution, maintenance, and manufacturing. Serving utilities, industries, and residential needs, the partnership offers trusted products like cold shrink splices, cable terminations, connectors, tapes, and EV battery components, ensuring safe, efficient, and future-ready electrical infrastructure across sectors.

## Copper Tape



1181

Unique adhesive creates secure contact with the application surface

Rated for 600V applications

Suitable for EMI shielding, grounding and static charge draining

Flame-retardant

UL Listed and RoHS 2011/65/EU Compliant

## Aluminium Tape



1170

Unique adhesive creates secure contact with the application surface

Suitable for EMI shielding, grounding and static charge draining

Flame-retardant

## Polyimide Film Electrical Tape



92

Polyimide backing provides exceptional heat resistance

Thermosetting, silicone adhesive is smooth and has a uniform that eliminates bare spots and lumps

Suitable for coils, harnesses and capacitor applications



1205

Suitable for use as wave solder masking tape in a printed circuit board assembly

Designed for anchoring leads and terminal boards

## Kapton Tape



5413

DuPont Kapton polyimide film and silicone adhesive used for

PCB solder masking and other high temperature applications.

## Electrical Shielding Tape



Scotch 33, 24

Shields cable joints on shielded power cables, forms conductive stress cones on terminations, and smooths connectors in oil-filled cables. Compatible with rubber and synthetic compounds, dielectric insulations, and cable jackets.

## Vinyl Color-Coding Electrical Tape



35, 1710

Ideal for insulating electrical wires and is compatible with synthetic cable insulations, jackets and splicing compounds.

For indoor and outdoor applications is a high-quality, general-purpose vinyl insulating tape.

## Glass Cloth Electrical Tape



27, 69

Glass Cloth Electrical Tape insulates furnace power leads, secures high-temp non-adhesive insulation, reinsulates mining coils, and serves in various motor, transformer, and coil applications, including wrapping, banding, and anchoring.

## Scotchcast™ Electrical Resin



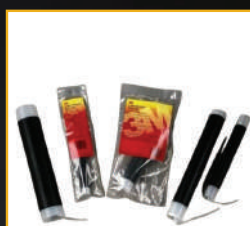
266i

Used for Electronic and Electrical applications requiring the highest level of protection

It is ideal for applications that need excellent thermal shock and mechanical shock resistance

Useful for Coating Coils, Transformers, Motors, Modules, Electrical and Electronic Components

## Cold Shrink tubes



282

Cold Shrink tubes offer primary insulation for solid dielectric wire and cable splicing up to 1000 volts. They install easily without tools and provide effective sealing for terminal lug barrels, conduit couplings, and cable breakouts.

## Heatshrink Sleeves



FP-301

## Polyster Tape



1350F1

## Electrical Tape



Scotch 70



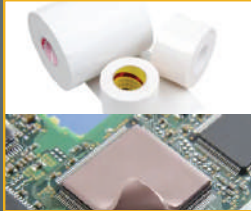
44

<b>Thin Wall Tubing</b>	Lightweight, tough & flexible. It is the right choice for electrical insulation in many industrial & Manufactured products. It's also dependable as a lightweight wire harness, wire marking, wire bundling, component packaging & fire-resistant cover.	<b>FP-301</b>
<b>Thin Wall Tubing with Adhesive (Dual Wall)</b>	The outer wall resists abrasions. The meltable inner wall keeps out moisture. It is a smart pick when you need to protect components and equipment in high moisture environments such as automotive and marine applications	<b>EPS-200 ESP-300 EPS-400 MW</b>
<b>Heavy Wall Tubing</b>	Demanding conditions call for heavy-duty abrasion protection. You can get the level of protection tubing you need based on the degree of temperature protection, dielectric strength, flexibility, chemical resistance, or moisture protection	<b>ITCSN IMCSN</b>
<b>Specialty Polymer Tubing</b>	Specialty Polymer Tubing is tough. Designed for use in military aircrafts and vehicles that can operate in severe environments, this tubing can weather extremes such as high temperatures and exposure to oils or corrosive fluids.	<b>MFP NST VTN</b>
<b>Bus Bar Tubing</b>	Get durable and reliable protection that prevents failures and downtime in applications from 5 – 35 kV. Heat Shrinkable Bus Bar Tubing covers and insulates rectangular, square or round bus bars, resists splitting and solvents, and provides excellent tracking resistance	<b>BBI</b>



# AUTOMOTIVE & AEROSPACE SOLUTION DIVISION (AASD)

## Thermally Conductive Acrylic Interface Pad



5571 - 0.75, 1.0, 1.5,  
2.0 TC 2.3 W/mK

Enhances heat transfer between PCBs and heat sinks in electronic devices, power electronics, automotive systems, and LED thermal management. Offers high conformability for uneven surfaces and is made from a highly thermally conductive, electrically insulating, non-silicone acrylic elastomer with excellent durability.

## Acrylic Foam Tape Series



PX 5000, PX 5008

Ideal for attaching window visors, pillar garnishes, sensors, mouldings, claddings, and other automotive components. Resistant to temperature, weather, UV, and solvents. Suitable for both manual and automatic application processes.

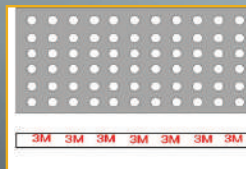
## Acrylic Plus Tape Series



PT1000

Delivers strong adhesion on challenging surfaces including automotive paints and medium surface energy plastics. Offers weather, UV, temperature, and solvent resistance, along with sealing and damping capabilities that improve NVH performance.

## Advanced Sealing Tape Series



AST1020, AST2020

Detachable sealing gasket tape with excellent conformability and strong resistance to chemicals, corrosion, and automotive fluids. Designed for efficient die-cutting and includes a detachable low-adhesion liner for ease of use.

## SJCEF (Cell Expansion Foam)



020

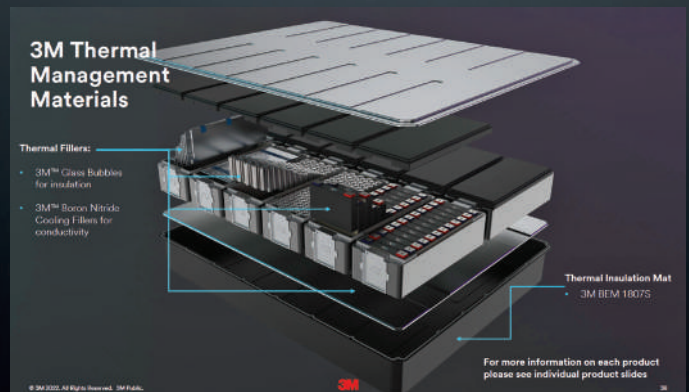
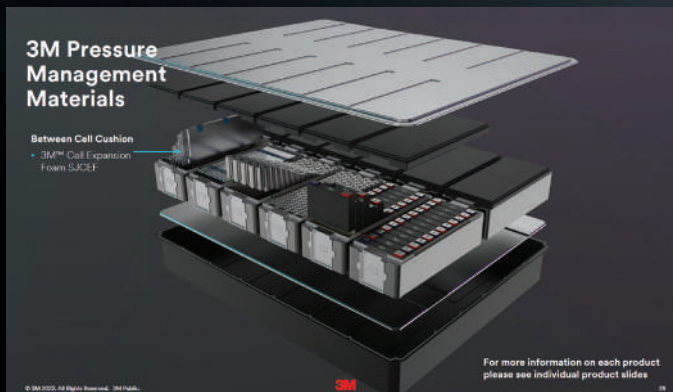
Flame-retardant microcellular polyurethane foam with excellent elasticity, shock absorption, and thermal stability. Ideal for damping applications in electronic devices such as mobile phones, TVs, and tablets.

## EV Enclosure Sealing



Sealant SZ1000

Cure-in-place, resealable gasket offering high protection against water ingress while meeting flame retardancy standards. Enables easy battery serviceability and is suitable for automatic dispensing systems.



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