



VANI

INDUSTRIAL
INNOVATIONS



**TOMORROW'S
TECHNOLOGY
DELIVERED TODAY**

3M

Science.
Applied to Life.™



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



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



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

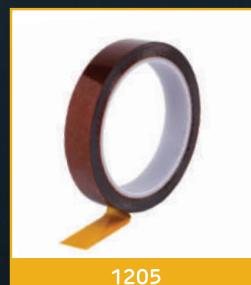


Unique adhesive creates secure contact with the application surface
Suitable for EMI shielding, grounding and static charge draining
Flame-retardant

Polyimide Film Electrical Tape



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



Suitable for use as wave solder masking tape in a printed circuit board assembly
Designed for anchoring leads and terminal boards

Kapton Tape



DuPont Kapton polyimide film and silicone adhesive used for PCB solder masking and other high temperature applications.

Electrical Shielding Tape



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

Polyester Tape



1350F1

Electrical Tape



Scotch 70



44

Thin Wall Tubing	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.	FP-301
Thin Wall Tubing with Adhesive (Dual Wall)	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	EPS-200 ESP-300 EPS-400 MW
Heavy Wall Tubing	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	ITCSN IMCSN
Specialty Polymer Tubing	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.	MFP NST VTN
Bus Bar Tubing	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	BBI

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.

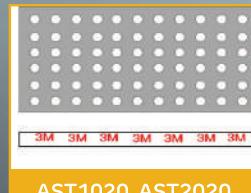
Acrylic Plus Tape Series



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

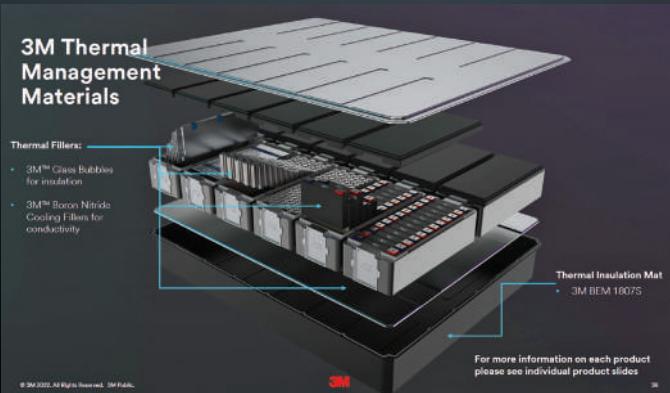
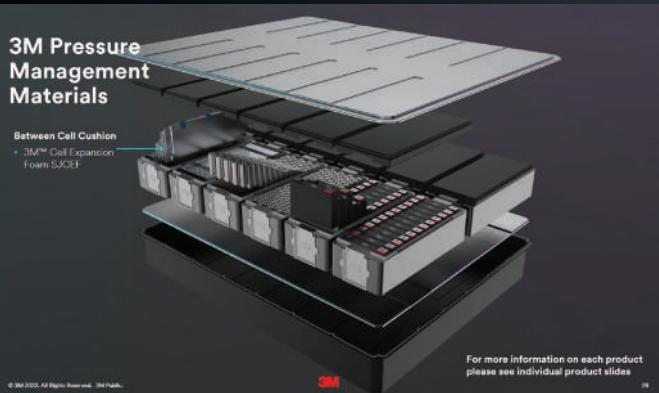
Flame-retardant microcellular polyurethane foam with excellent elasticity, shock absorption, and thermal stability. Ideal for damping applications in electronic devices such as mobile phones, TVs, and tablets.

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.



VANI INDUSTRIAL
INNOVATIONS

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