



A Comprehensive Guide
to High-Performing
Composites Adhesive,
Tape & Sealant Solutions



Forza™

noun / Italian for "force" /fôrsə/

1. Strength, Power, Force

2. Strength or power exerted on an object

Who We Are

Forza is a family-owned adhesive, sealant & specialty tape manufacturer based in the US. We supply the global industry with superior, customized products that outperform.

In business since 1979, Forza is big enough to deliver best-in-class products for specific applications yet small enough to take care of our customers every step of the way. With our deep industry knowledge and our unique hybrid approach – vertically integrated manufacturing combined with a complete in-house R&D lab, we're uniquely capable of developing, producing and shipping cost-effective solutions that outperform all others.

At Forza, we do what other manufacturers won't. That means finding a better solution is just the beginning. If you're looking to take your products, your results and your business to the next level, we're ready to over deliver for you.

Superior Composites Solutions

We help solve the Composites Industry's toughest adhesive-related problems.

CUSTOMER PROBLEM:

“Expensive, Non-Portable, Bulk Adhesive Equipment”

With decades of on the ground experience, Forza understands the nuances and intricacies of adhesive application - especially in the Composites industry. Forza is committed to reducing the hidden cost of keeping equipment running, while improving efficiencies. Compared to outdated, costly, fixed location equipment, our Portable Adhesive Canisters deliver superior adhesive performance with these additional benefits:

- Little to NO maintenance = Reduction in hidden costs
- Fully Portable with Easy setup and easy take down - operational within minutes
- Superior value with zero capital outlay
- Low environmental footprint. 108L canisters are re-usable/returnable
- Self-contained propellant. No special shop or job site air is required

CUSTOMER PROBLEM:

“Inferior, Improper, or Unavailable Products”

Many adhesive companies have downsized their adhesive investments; focusing more on cutting corners and costs. They've lost touch with marine industries needs and challenges. Many have become simple resellers of low-cost, basic products sourced from oversea conglomerates.

Not so with Forza! Forza is investing in our customers' success today and America's success tomorrow.

- Forza products are proudly made in the USA
- We are 100% vertically integrated
- We have robust in-house Product Development, Q&A, and Product Manufacturing capabilities
- We have over 35 years of industry experience, encompassing technical diagnostics, on-site assessments, formulation, and the development of practical solutions for application challenges.



CUSTOMER PROBLEM:

“Incorrect or Outdated Formulations”

Many factors impact formula selection and bonding results. Customers need real expertise to identify the absolute best performing and most cost-effective solution. Forza expertly assesses complex factors to find optimum formulations:

- Unique state regulatory compliance laws
- Flammability
- Worker Safety
- VOCs and HAP levels
- Other impacts on the environment
- Resin and substrate contamination



With a proprietary Product Optimization Process, in-house R&D lab, and onsite manufacturing facilities, we guarantee customers challenges will be addressed and customers will receive the best product solution for their application, manufactured and shipped on time, in full and within budget - with their first order and every order.



Industry-Leading In-House R&D + TESTING LAB



Our R&D capabilities allow us to formulate new customized solutions or reformulate current products to optimize for specific applications.

Our testing lab offers unique real value to customers. We can test substrates on-site - simulating real world conditions - to find optimal solutions quickly and affordably.

Formulation and testing capabilities:

- Strength testing (pull & shear)
- Accelerated heat aging
- Environmental testing (humidity, UV, IR)
- Extreme weather testing (Hot + Cold)
- Viscosity, Hardness, PH
- Long term product stability and efficacy
- Identification of chemical components and quantities in formulations
- Testing to all ASTM standards

Never stuck in the past, we're working today for a sustainable **TOMORROW**

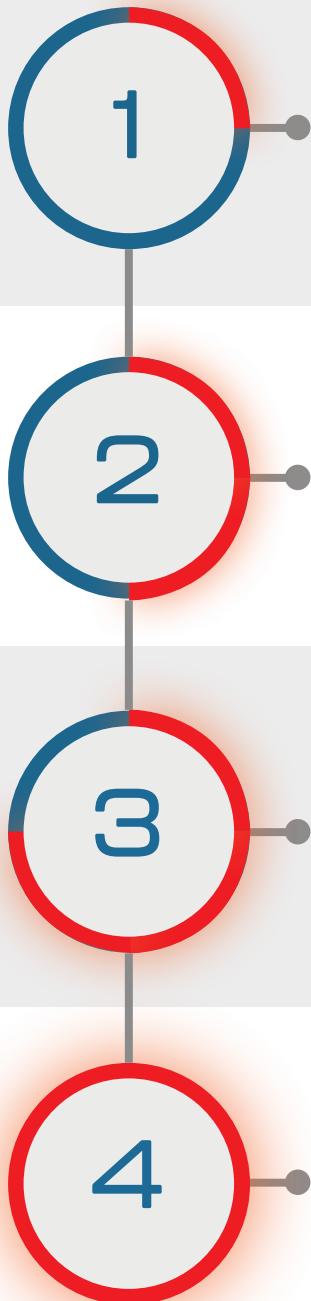
With world-class R&D and development capabilities, we're continuously researching, formulating, and testing new chemistries and manufacturing practices, to meet the changing demand of the Insulation industry.

We're creating products that offer:

- Better performance
- Increasing efficiencies = lower cost
- More sustainable chemistries & containers
- Reduced environmental impact
- Zero off-gassing
- Low/No solvents
- Low/No toxicity
- No VOCs
- Low/No odors
- No HAPs
- More sustainable packaging

Our Performance Optimization.

The Forza Process® is a one-of-a-kind holistic method that identifies and delivers the perfect product solution that performs better than all others. Never settling for less, our process raises the bar for performance, efficiency, customer experience, and most importantly customer success.



DIAGNOSE

A multi-faceted holistic review - to make sure we meet the needs, concerns, and requirements of all stakeholders. We dig deep to uncover things that are hidden and even unknown:

- Engineering & Design
- Operations
- Operators
- EHS
- Quality
- Purchasing

OPTIMIZE

Where the magic happens! An approach unlike any other to determine the very best solution:

- Collaboration between key departments within Forza
- Development of custom solution/formulation if current products don't meet the needs
- Testing of solution in-house lab with actual substrates to prove performance and guarantee solutions.

VALIDATE

We go the extra mile to confirm results:

- Final validation of solutions through on site applications and proof of function
- Reassurance provided through presentation of testing data
- Final review with all parties and departments to review solution scope and ensure 100% satisfaction

DELIVER

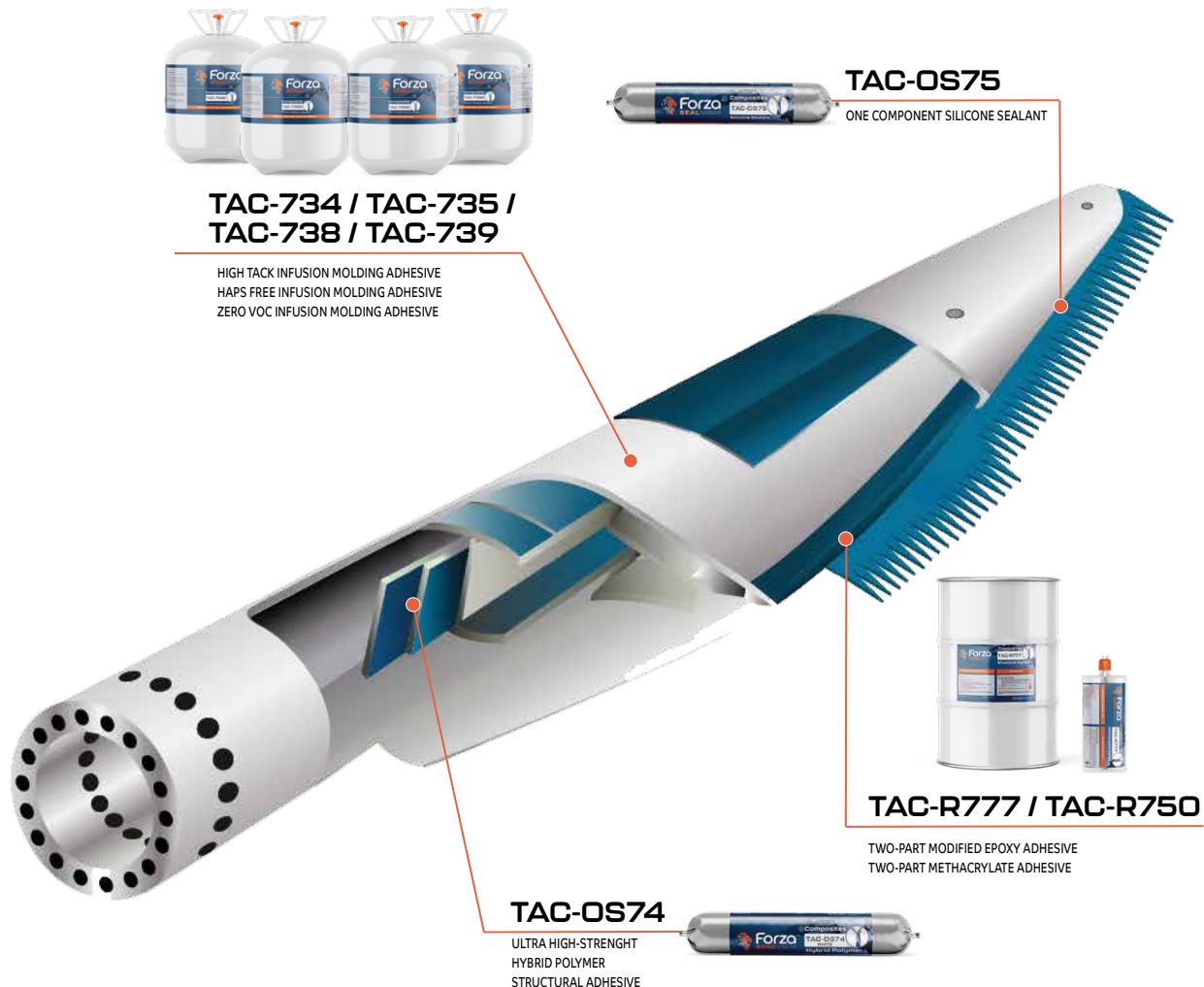
With the fastest response time in the industry we provide:

- Introduction to dedicated account executives who will be there for your success!
- One-of-a-kind customer appreciation program
- Guarantee of product performance through our 4x Quality Consistency Program

Wind Turbine Applications

With a full R&D formulations lab at our disposal, we're able to deliver tailor-made solutions that are rugged enough to meet the most demanding needs of the Insulation industry while remaining simple and intuitive for today's insulation environment.

At Forza, we're committed to exceeding our customers' expectations with every solution we deliver.



COMPOSITES ADHESIVES



**Forza™
BOND** | A FORCE TO BE
RECKONED WITH



Forza high-performance adhesives are engineered to give Composites manufacturers superior options that outperform all other choices. Forza adhesives are designed to enhance performances, durability, longevity, sustainability, ease-of-use, and ultimately, customers' bottom line.

CHEMISTRY TYPES

- ACRYLIC - MMA
- EPOXIES
- MODIFIED EPOXIES
- CYANOACRYLATES
- HYBRID POLYMERS
- HOT MELTS
- WATER BASE
- SOLVENT BASED



COMPOSITES SEALANTS



Forza offers an industry-leading range of ultra-high-performance sealants and adhesives, each specifically developed and designed for the demanding needs of growing industries.

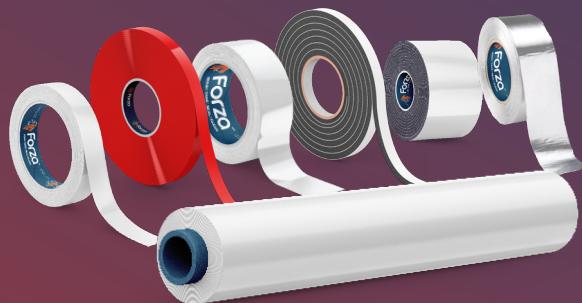
CHEMISTRY TYPES

- HYBRID POLYMERS
- SILICONE
- MODIFIED EPOXIES



COMPOSITES

TAPES



Forza offers an industry-leading range of ultra-heavy-duty tapes, each specifically developed, designed, and tested in the real world for the most demanding needs of our industrial customers.

CHEMISTRY TYPES

- RUBBER BASED PSA
- ACRYLIC BASED PSA
- SPECIALTY FOAMS
- TRANSFER TAPES
- MASKING TAPE
- DOUBLE COATED TAPES
- FSK
- FOIL



INTRODUCING RUGGED RED CLEANERS



From
Forza™
OUR TEAM. OUR SCIENCE. YOUR FORCE.



With its new line of RuggedRed Cleaners, Forza offers a full range of heavy duty, ultra-concentrated cleaning and degreasing products that meet the toughest of industrial and professional cleaning needs. The products are formulated with ingredients that are tough on dirt, grease, grime, and germs, yet safe for skin and surfaces. RuggedRed delivers a proven, powerful clean.

PRODUCT TYPE

- HEAVY-DUTY DEGREASER
- CLEANER & DEGREASER
- ALL-PURPOSE CLEANER
- GLASS CLEANER
- FOAMING GLASS CLEANER
- CITRUS ADHESIVE REMOVER
- MOLD & MILDEW STAIN CLEANER
- INSTANT ODOR REMOVER
- SPOT & STAIN REMOVER
- CARPET CLEANER
- HARD SURFACE CLEANER
- CONCRETE FLOOR CLEANER
- HAND CLEANER
- HEAVY DUTY HAND CLEANER
- TOUGH TOWELS





A Composites Product Portfolio To Be Reckoned With.

Forza stands above the competition by offering an unparalleled, custom-formulated, line of Composites solutions that:

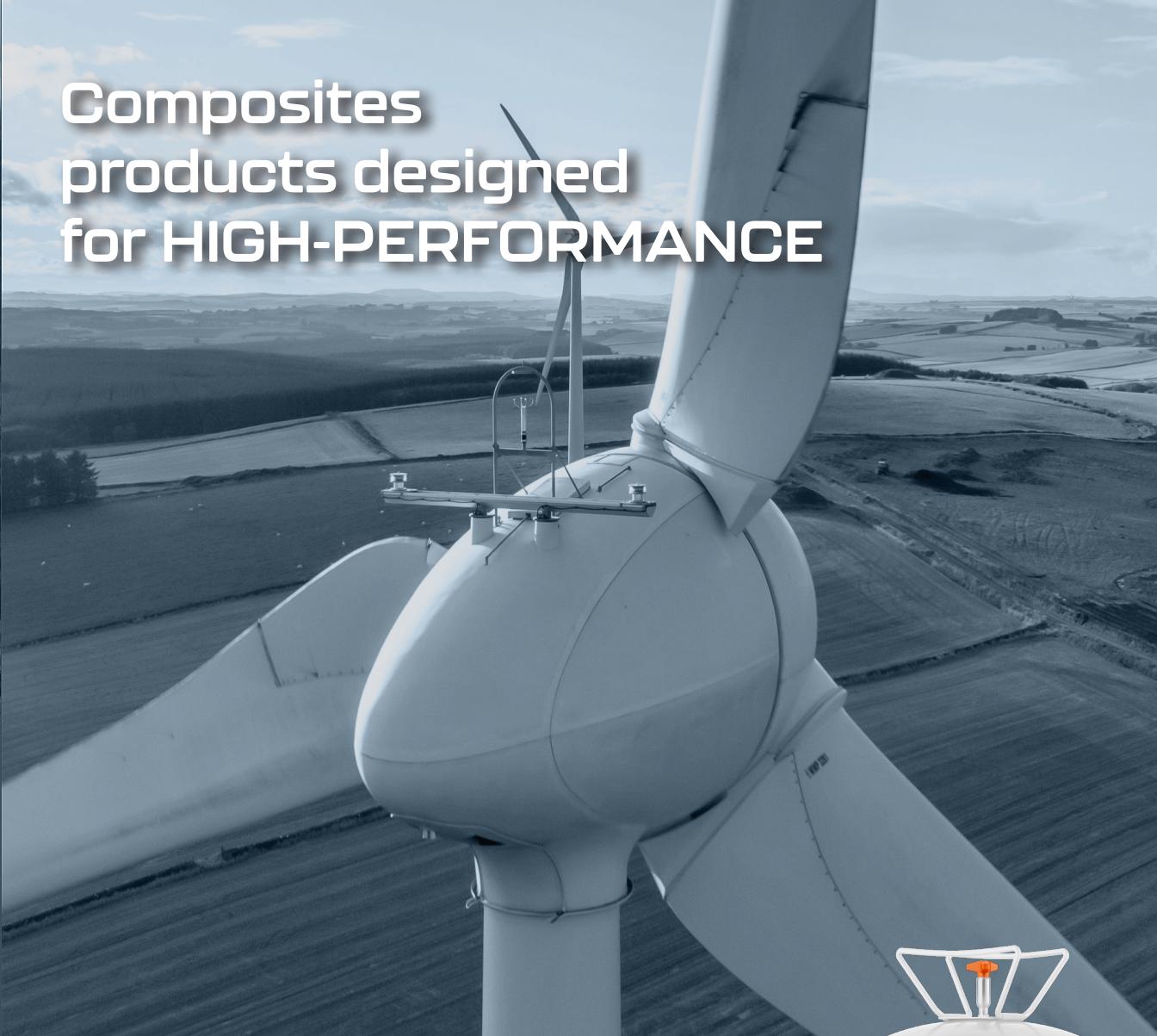
- Ensure protection from environmental factors over the long haul
- Precisely match our Composites customers' specific and demanding product requirements
- Provide cutting-edge chemistries and technologies that over-deliver for mission-critical installation, adhesion, and sealing requirements
- Deliver a wide array of applications
- Achieve unparalleled levels of process efficiency and performance

With a full R&D formulations lab at our disposal, we're able to deliver tailor-made Insulation solutions that are rugged enough to meet the most demanding needs of the Insulation industry while remaining simple and intuitive for today's job sites and installation environments.

At Forza, we are committed to exceeding our Insulation customers' expectations with every solution we deliver.



Composites products designed for HIGH-PERFORMANCE



TAC-734G - WEB SPRAY HIGH TACK INFUSION MOLDING ADHESIVE

Applications

Specifically designed to overcome the problems normally associated with using other types of adhesives, such as bonding failure, resin blockage, and surface defects in the finished product. Ideally suited for applications involving fiberglass and other matting materials, core materials, infusion consumable materials, RTM, LRTM, vacuum infusion

Benefits

- Aggressive Tack
- Resin Compatible
- Single sided glue application
- Safely fuses laminating materials to structural core surfaces
- Very fast application
- Convenient, reliable, portable, spray system
- Allows resin to obtain maximum tensile strength
- Doesn't interfere with curing process

Sizes

- 22L
- 108L
- 13oz Aerosol Can

Colors

- Clear
- Green

Recommended Eq.

- FK20
- FK80 Hose
- 6501B/M201 Spray Tip



TAC-735R - MIST SPRAY HAPS FREE INFUSION MOLDING ADHESIVE



Applications

Specially designed to overcome the problems normally associated with using other types of adhesives, such as bonding failure, resin blockage, and surface defects in the finished product. Ideal for fiberglass and other matting materials, core materials, infusion consumable materials, RTM, LRTM, vacuum infusion.

Benefits

- No HAPS
- High Tack Formulation
- Doesn't interfere with curing process
- Tackifier Resin
- Does not act as a contaminant to most resins
- Improves strength of composite structures

Sizes, Equipment, Color

- | | | |
|--------------------|------------------------|---------|
| • 22L Canister | • FK30 Hose | • Clear |
| • 108L Canister | • FK20 Spray Gun | • Red |
| • 13oz Aerosol Can | • 6501B/M201 Spray Tip | |
| • 5 Gallon Pail | | |

TAC-738R-WEB SPRAY ZERO VOC INFUSION MOLDING ADHESIVE



Applications

Specially designed to overcome the problems normally associated with using other types of adhesives, such as bonding failure, resin blockage, and surface defects in the finished product. Ideal for fiberglass and other matting materials, core materials, infusion consumable materials, RTM, LRTM, vacuum infusion.

Benefits

- Zero VOC
- High Tack Formulation
- Doesn't interfere with curing process
- Tackifier Resin
- Does not act as a contaminant to most resins
- Improves strength of composite structures
- Ultra efficient portable low maintenance spray system
- California Compliant

Sizes, Equipment, Color

- | | | |
|--------------------|------------------------|---------|
| • 13oz Aerosol Can | • FK30 Hose | • Clear |
| • 22L Canister | • FK20 Spray Gun | • Red |
| • 108L Canister | • 6501B/M201 Spray Tip | |



TAC-739R - MIST SPRAY INFUSION MOLDING ADHESIVE



Applications

Specifically designed to be compatible with resins used in the infusion molding RTM & LRTM process. Ideal for temporarily bonding materials including fabric matting, reinforcement & core materials, and infusion molding and consumables. Compatible for vinyl ester, polyester, and styrene.

Benefits

- Resin Compatible
- High Tack Formulation
- Doesn't interfere with curing process
- Tackifier Resin
- Does not act as a contaminant to most resins
- Improves Strength of composite structures
- Ultra efficient portable low maintenance spray system

Sizes, Equipment, Color

- | | | |
|--------------------|------------------------|---------|
| • 13oz Aerosol Can | • FK30 Hose | • Clear |
| • 22L Canister | • FK20 Spray Gun | • Red |
| • 108L Canister | • 6501B/M201 Spray Tip | |

TAC850GR - MIST SPRAY POLYMER CONCRETE MOLDING PROCESS TACKIFIER



Applications

Specifically designed for use in Polymer Concrete Applications. Ideal for fixturing fiberglass matting to molds in Polymer Concrete Manufacturing.

Benefits

- HAPs Free
- Polymer Compatible
- High Tack Formulation
- Ultra efficient portable low maintenance spray system

Sizes, Equipment, Color

- | | | |
|-----------------|------------------------|--------|
| • 22L Canister | • FK30 Hose | • Gray |
| • 108L Canister | • FK20 Spray Gun | |
| | • 6501B/M201 Spray Tip | |
| | • FK300 Splitter Valve | |



TAC-OS7 -NON-HAZARDOUS, HIGH STRENGTH, SINGLE PART MOISTURE CURE HYBRID POLYMER

Applications

Is a premium, hybrid polymer technology that is designed for use in high velocity air conditioning, refrigeration, ventilation and air distribution units. Ideally suited for both indoor and outdoor use.



Benefits

- 100% solids
- Highly weather resistant
- Retains strong seal through impact, peel, flex, and changing temperature
- Non-Yellowing
- Does not form bubbles, shrink, or crack
- Immediately paintable
- Low temperature flexibility (properties retained to -75°F)
- High UV resistance/doesn't chalkout
- Doesn't attract dirt or dust

Sizes & Colors

- | | |
|--------------------|---------|
| • 10.1oz Cartridge | • Gray |
| • 20oz Cartridge | • White |
| • 20oz Sausage | • Black |
| • 5 Gallon Pail | |
| • 52 Gallon Drum | |

TAC-OS75 -ONE-COMPONENT SILICONE SEALANT

Applications

Is a high quality silicone sealant designed for HVAC applications. Provides a permanent, long lasting & weather resistant seal.



Benefits

- High weather resistant
- Multi-Surface Bond
- Single components RTV (Room Temperature Vulcanizing), Anti-Fungal properties
- Can be applied to overhead or vertical joints
- Excellent UV resistance, does not crack, collapse in direct sunlight
- Bonds many surfaces: clean metal-including chrome, painted surfaces, glasses, ceramics, most plastics, non-oily woods, fibrous cement and concrete surfaces
- Di-electrical properties & FDA (Food Grade) compliant. Sealant of solar panels, and junction boxes.

Sizes, Color

- | | |
|------------------|---------|
| • 10.1 Cartridge | • Clear |
| • 20oz Sausage | • White |



TAC-OS74 - ULTRA HIGH-STRENGTH HYBRID POLYMER STRUCTURAL ADHESIVE

Applications

Specifically designed to bond a large variety of materials including metals, granite, painted steel, glass, wood, most plastics, fiberglass, rubber, and polystyrene foam. Provides a permanent structural bond with internal and external applications above the waterline:

- Structural bonding composites
- Metal applications - repairing welds not under load
- Windshield on watercraft



Benefits

- Retains strong bond through impact, peel, flex, and changing temperatures
- Contains no solvents or isocyanate
- Non-Yellowing
- Does not form bubbles, shrink, or crack
- Highly resistant to water, salt water, oil, grease, fuel, and mild chemicals
- Paintable even when wet
- High tack holds parts until cured

Sizes, Cleanup, Colors

- | | | |
|---------------------|-----------|---------|
| • 10.1 oz Cartridge | • Water | • White |
| • 20 oz Sausage | • Alcohol | • Gray |
| • 28oz Cartridge | | |
| • 5Gallon Pail | | |
| • 52 Gallon Drum | | |

TAC-OS75 - ONE COMPONENT SILICONE SEALANT

Applications

Is a high quality silicone sealant designed for HVAC applications. Provides a permanent, long lasting & weather resistant seal.



Benefits

- High weather resistant
- Multi-Surface Bond
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- Can be applied to overhead or vertical joints
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- Bonds many surfaces: clean metal-including chrome, painted surfaces, glasses, ceramics, most plastics, non-oily woods, fibrous cement and concrete surfaces
- Di-electrical properties & FDA (Food Grade) compliant. Sealant of solar panels, and junction boxes.

Sizes, Color

- | | |
|------------------|---------|
| • 10.1 Cartridge | • Clear |
| • 20oz Sausage | • White |

TAC-R777 - TWO-PART MODIFIED EPOXY ADHESIVE



Applications

Specifically designed for structural bonding and sealing applications in transportation, offering high strength under flex and vibration.

- Sealing truck bodies before powder coating and painting
- Structural bonding of stiffeners in truck bodies and semi-trailers
- Replacing rivets, fasteners, and welding of dissimilar materials in semi, livestock, and cargo trailers
- Quick-set sealant for high production environments
- Bonding metal and FRP side panels in trailers and specialty vehicles

Benefits

- Semi-Flexible
- Generates no heat
- No solvents or isocyanate
- 1:1 ratio, easy mixing/dispensing
- Minimal surface preparation required
- 0 VOC

Sizes

- 52 Gallon Drum
- 400ml Cartridge
- 5 Gallon Pail

TAC-R750 - TWO-PART, METHACRYLATE ADHESIVE



Applications

Specifically designed for structural bonding applications in transportation where high-strength bonding is required.

Applications include:

- Structural bonding of stiffeners in truck bodies and semi-trailers
- Replacing rivets, fasteners, and welding of dissimilar materials in semi, livestock, and cargo trailers
- Bonding metal and FRP side panels in trailers and specialty vehicles
- Structural mounting applications in all commercial vehicles

Benefits

- Excellent bond strength
- Impact and weather resistant
- Excellent bonding to a wide variety of substrates
- 1:1 ratio - easy mixing or dispensing
- Minimal surface preparation required
- Forms tough, high-strength, high-impact resistant bonds
- Resists most common industrial cleans
- Retains bond strength in boiling water, salt water, salt fog, kerosene, gasoline, diesel fuel, antifreeze, hydraulic fluids, and cutting oils.

Sizes

- 50ml Cartridge
- 400ml Cartridge
- 5 Gallon Pail
- 55 Gallon Drum



TAC-R760 - TWO-PART, EPOXY ADHESIVE

Applications

Specifically designed to bond insulation hangers to replace standard tac welds and mechanical fasteners. Creates a structural bond for extreme environments.

Benefits



- 5 Minute Epoxy
- Structural Strength
- 1:1 ratio, easy mixing or dispensing
- 3 minute work life, 10 minute handling strength
- -60°F to 250°F service temperature
- Resistant to water, salt, vehicle fuels, and many other substances

Sizes, Color

- 300ml Dual Cartridge
- 280ml Coaxal
- 5 Gallon Pail
- 50ml Dual Cartridge
- Clear
- Blue

TAC-T700 - THERMAL-BREAK FOAM TAPE

Applications

Specially designed as a thermal break tape for various insulation applications. Helps to prevent thermal transfer between metals, ideally designed for use in metal building insulation applications.



Benefits

- High quality design
- Reduce thermal transfer
- High Performance
- Cold Weather Adhesive

Sizes

- 3in x 100ft
- 3in x 75ft
- 3/16in Thickness

MULTI-PURPOSE CLEANER



Applications

Powerful Industrial strength, heavy-duty ultra-concentrated multi-purpose cleaner specifically formulated to clean even the toughest dirt and messes quickly and without damaging surfaces. Ideal for cleaning dirt and grime from these areas and surfaces: countertops, floors, seats, appliances, and walls in commercial kitchens, common areas, office work areas, boats, and RV interiors. Use on wood, glass, tile, stone, upholstery and much more.

Benefits

- Removes dirt and grime quickly
- Safe on most surfaces
- Environmentally friendly
- Biodegradable
- Safe for use around adults, children, and animals

Sizes

- 32 oz Spray Bottle
- 64 oz Refill Bottle
- 5 Gallon Bulk Container

HEAVY-DUTY CITRUS CLEANER



Applications

Powerful bio-safe, industrial-strength solvent cleaner. Designed to safely and powerfully clean and remove adhesives and other tough substances across all industries and most surfaces, including most plastic surfaces. Removes adhesive residue from guns, hoses, and other adhesive equipment. Removes decal residue and is safe to use on most powder-coated surfaces.

Benefits

- Powerful solvent cleaner, degreaser, and adhesive remover
- Safer solution than most other industry standard removers
- Non-corrosive
- Compatible with most plastics
- Biodegradable
- Pleasant citrus scent

Sizes

- 32 oz Spray Bottle
- 64 oz Refill Bottle
- 5 Gallon Bulk Container



Adhesive Spray Application EQUIPMENT

Introducing our premium spray gun system, designed for unparalleled performance. Paired with a robust hose and precision tip, this system empowers you to achieve professional results effortlessly. Elevate your craftsmanship with dedication and power.



Spray Gun

Our premium adhesive spray gun is the epitome of precision and performance. What sets our spray gun apart is its ability to deliver a consistent and uniform spray pattern, allowing you to achieve professional results with ease. Its ergonomic design is superior to other cumbersome models.

Hose

This hose is designed to complement your adhesive spray gun perfectly. Reliable construction withstands the rigors of daily use, providing a stable connection between your spray gun and adhesive source.

Tip

Our precision tips are engineered to enhance the functionality of your adhesive spray gun. With a range of tip sizes available to suit different spraying requirements, our precision tips empower you to achieve professional results with ease and precision.

Canister	Gun
TC452	FK18
TC453	FK20
TC466	FK20
TC467	FK18

Canister	Hose
TC452	FK80
TC453	FK30
TC466	FK30
TC467	FK30

Canister	Tip
TC452	11001
TC453	6501
TC466	M201
TC467	6501

QUALITY SOLUTIONS



"Infusion molding is great, but getting the right adhesive has been a bit of a nightmare. Forza came in and, I kid you not, in just 5 days they were able to get me adhesives that held better and worked with my laminate. Like I told Mike, it's one less thing now to keep me up at night."

Composites Manufacturer



"We were having trouble with our adhesive not being tacky enough and turning yellow when exposed to sunlight. Forza was able to provide us with a much tackier product that was tinted the color of our product and didn't yellow in sunlight."

Composite Polymer Concrete Electrical Box Manufacturer



READY TO SEE FOR YOURSELF? CONTACT US

Family owned in the heartland of America for over 40 years. Rick, Rob, and Mike have deep expertise and are available 24/7/365



The smartphone screen shows the Forza Inc. website. At the top is the Forza logo featuring a lion's head and the tagline "OUR TEAM. OUR SCIENCE. YOUR FORCE.". Below the logo is a "Proudly Made in the USA" badge with the American flag. A "LET'S TALK" button is also present. The main visual is a large image of a lion's face. Text on the screen reads "WELCOME TO FORZA" and "We Build High-Performing Industrial Adhesive, Tape & Sealant Solutions".



Rick Glenn

General Manager
Forza Inc.



Rob Glenn

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Mike Glenn

Senior Technical
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YOUR GUIDE TO OUR SOLUTIONS



High-Performing
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