



A Comprehensive Guide
to High-Performing
Insulation 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 Insulation Solutions

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

CUSTOMER PROBLEM:

"It's difficult finding a single adhesive that works with ALL types of insulation materials."

Insulation materials vary widely, from fiberglass and foam to paper, metal, and plastic facings. Adhesives must bond consistently across different substrates, often with varying surface energies and textures. Poor adhesion can lead to delamination or failure, reducing the insulation's performance and lifespan.

Forza's Insulation Adhesives and Sealants are formulated to maintain incredibly strong and durable adhesion across virtually all types of insulation materials, saving time, money, and inventory space.

CUSTOMER PROBLEM:

"Insulation installs often fail too soon due to poor adhesive performance. Most adhesives cannot withstand extreme temperatures, significant humidity, & chemical exposure"

Insulation systems are often exposed to extreme temperatures, humidity, or chemicals. Adhesives must withstand these conditions without degrading, losing bond strength, or becoming brittle.

Inadequate resistance to environmental factors can result in adhesive breakdown, reducing thermal efficiency and creating costly maintenance issues.

Forza's Insulation Adhesives and Sealants are renowned for their lasting ability, even in the most unforgiving temperatures and humidity. They are specifically designed to maintain strong and durable adhesion, saving operating, maintenance, and capital costs.



CUSTOMER PROBLEM:

“Insulation Installation is difficult, often requires rework, is too expensive, and requires too much time.”

The speed and ease of adhesive application are crucial in industrial settings. Fast production environments require adhesives that can be applied quickly and evenly while still allowing enough open time for proper placement.

Slow curing or complex application processes can bottleneck production, increase labor costs, and lower throughput. Additionally, adhesives that cure too quickly may reduce the time for adjustments, leading to misalignment or poor adhesion.

Forza is the leader in metal building insulation adhesives and has decades of experience. Our specialized adhesive solutions are tailored to the unique requirements of insulation applications.



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

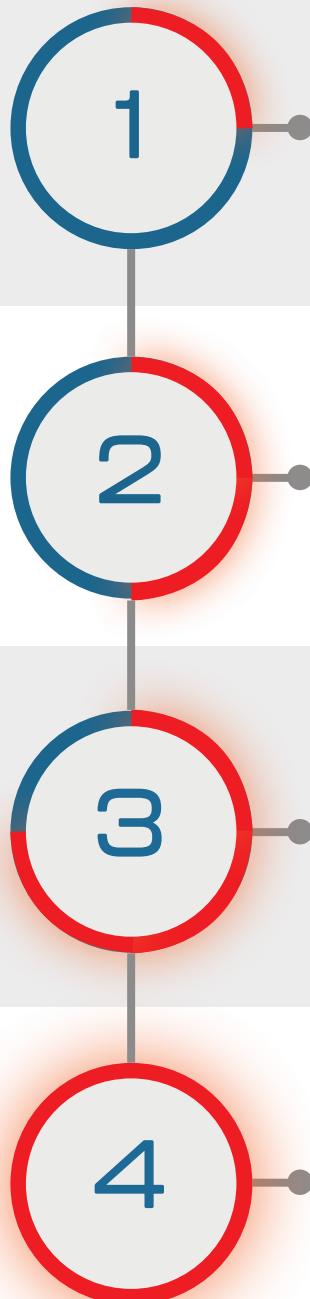
With world-class R&D and development capabilities, we're continuously researching, formulating, and testing new chemistries and manufacturing practices, to meet the changing demand of the Insulation industry.

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

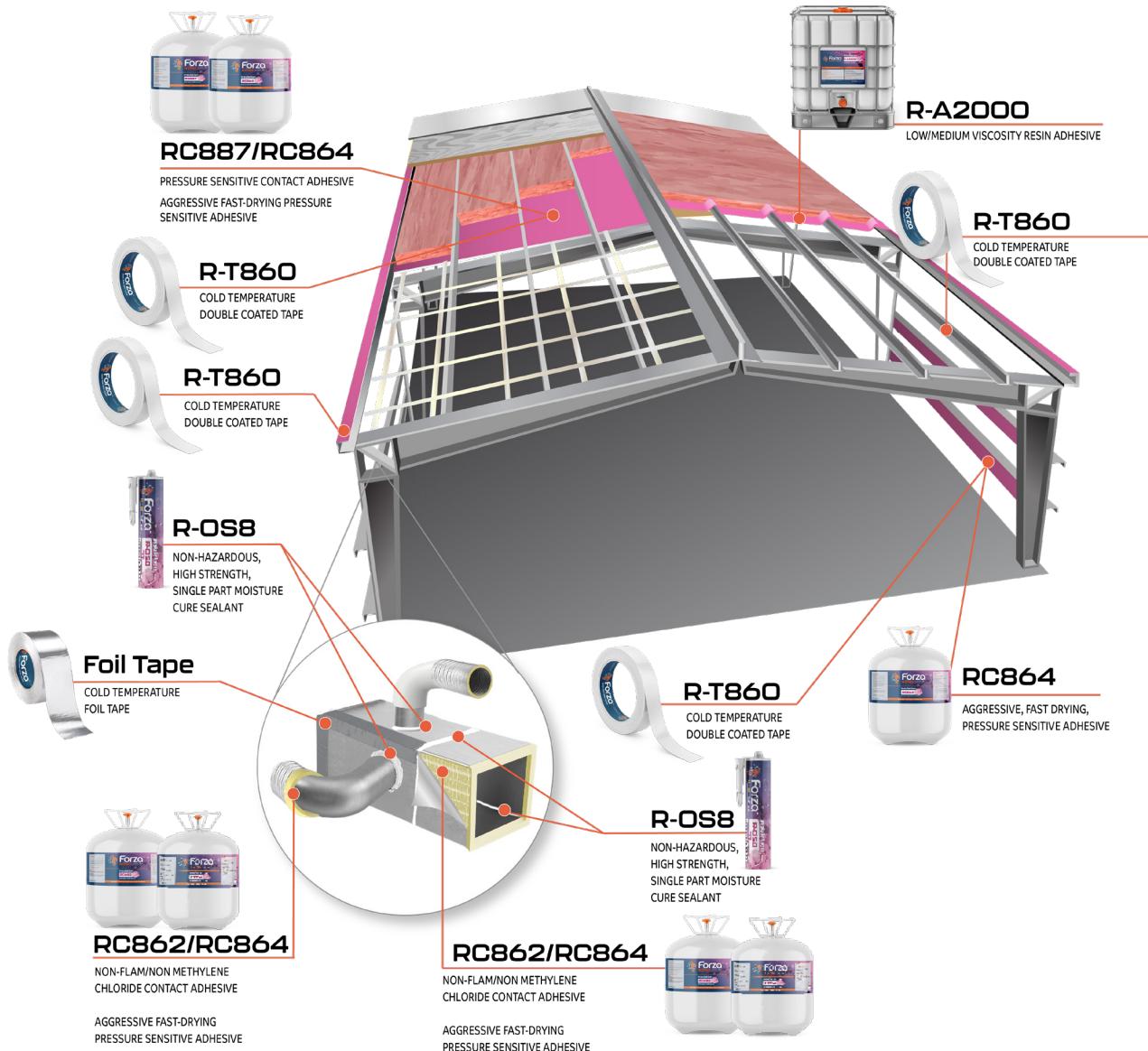
With the fastest response time in the industry we provide:

- 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

Metal Building 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.

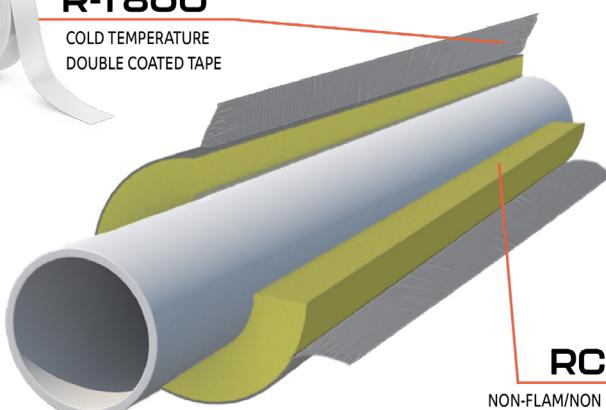


Pipe & Building Applications



R-T860

COLD TEMPERATURE
DOUBLE COATED TAPE



RC862

NON-FLAM/NON METHYLENE
CHLORIDE CONTACT ADHESIVE



R-OS8

NON-HAZARDOUS, HIGH STRENGTH,
SINGLE PART MOISTURE CURE SEALANT



RC864

AGGRESSIVE FAST-DRYING
PRESSURE SENSITIVE ADHESIVE



R-OS8

NON-HAZARDOUS, HIGH STRENGTH,
SINGLE PART MOISTURE CURE SEALANT



INSULATION ADHESIVES



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



Forza high-performance adhesives are engineered to give Insulation 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



INSULATION SEALANTS



Forza™ SEAL

A FORCE TO BE
RECKONED WITH



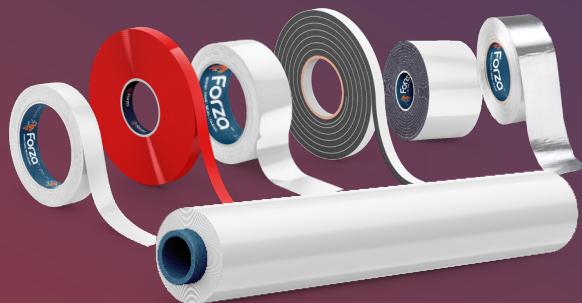
Forza offers an industry-leading range of ultra-high-performance sealants and adhesives, each specifically developed and designed for the demanding needs of growing industries.

CHEMISTRY TYPES

- HYBRID POLYMERS
- SILICONE
- MODIFIED EPOXIES



INSULATION 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





An Insulation Product Portfolio To Be Reckoned With.

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

- Ensure protection from environmental factors over the long haul
- Precisely match our Insulation 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.



RC862 - NON-FLAM/NON-METHYLENE CHLORIDE CONTACT ADHESIVE

Applications



Specifically designed for universal applications in the insulation industry. Applications include facing materials to polyiso, mineral wood and other insulating materials. Its fast tack & extreme temperature range makes it ideal for all environments.

Benefits

- Non-Flammable
- Non-Methylene Chloride/N-Propyl Bromide
- High Heat Resistance
- High Strength - Aggressive Bond
- Quick Tack
- Fast Dry Time
- Lower VOC Formulation
- Fully Portable System
- HAPs Free
- Extreme cold tested to -421°F

Sizes, Equipment, Color

- | | | |
|-----------------|--------------------|---------|
| • 22L Canister | • FK80 Hose | • Clear |
| • 108L Canister | • FK18 Spray Gun | • Blue |
| | • 11001B Spray Tip | |

RC863 - LOW VOC, CA COMPLIANT MULTI-PURPOSE CONTACT ADHESIVE

Applications



Permanently bonds both porous & nonporous materials where low VOCs are required. Ideal for applications where repositional is needed. Low-profile spray pattern to eliminate wrinkling and adhesive telegraphing.

Benefits

- Excellent bonding to porous substrates
- Aggressive – adheres to nearly any surface
- Good heat resistance (up to 180°F/82°C)
- High-strength, long-term bond
- Strong initial bond
- Low VOC California Compliant (SCAQMD Rule 1168)

Sizes, Equipment, Color

- | | | |
|--------------------|------------------|---------|
| • 13oz Aerosol Can | • FK30 Hose | • Clear |
| • 22L Canister | • FK20 Spray Gun | • Red |
| • 108L Canister | • 6501 Spray Tip | |
| • 5 Gallon Pail | | |
| • 55 Gallon Drum | | |



RC886 - LOW VOC, CA COMPLIANT, AGGRESSIVE, FAST DRYING PRESSURE SENSITIVE ADHESIVE

Applications

Specifically designed as an economical & aggressive pressure sensitive adhesive. Ideal for quick stick applications including fixturing & wrapping of porous materials. Also bonds to foams, metals, plastics and concrete walls.



Benefits

- Pressure sensitive adhesive
- Very fast drying
- Long lasting high tack
- Aggressive bond
- Low VOC & California Compliant (SCAQMD Rule 1168)
- No ODS (ozone depleting substances)

Sizes, Equipment, Color

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

RC887 - HIGH TEMP, PRESSURE-SENSITIVE CONTACT ADHESIVE

Applications

Specially designed as an aggressive tack, quick drying formulations, where high heat resistance is required. Ideally for bonding and fixturing porous materials instantly. Ideal for vertical applications. Ideally suited for applications involving polystyrene as it will not attack or cavitate the foam.



Benefits

- Styrene Safe High Temp
- Aggressive - adheres to nearly any surface
- Web Spray
- Fast drying with long open time
- Excellent green strength and higher heat resistance
- No ODS (Ozone Depleting Substances)
- Temporary fixturing single-sided applications

Sizes, Equipment, Color

- | | |
|-----------------|---------|
| • 22L Canister | • Clear |
| • 108L Canister | • Green |



RC864 - AGGRESSIVE, FAST-DRYING, PRESSURE SENSITIVE ADHESIVE



Applications

Specially designed as an aggressive tack, quick drying formulations. Ideally for bonding and fixturing porous materials instantly. Ideal for vertical applications, as well as wrapping and stuffing applications. Ideally suited for applications involving polystyrene as it will not attack or cavitate the foam.

Benefits

- Styrene Safe
- Aggressive Tack
- Very Fast Drying
- Full strength achieved in 24 hours
- No ODS (Ozone Depleting Substances)

Sizes, Equipment, Color

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

RC826 - LOW VOC, CA COMPLIANT, MULTI-PURPOSE ADHESIVE



Applications

Specifically designed as an economical & aggressive pressure sensitive adhesive. Ideal for quick stick applications including fixturing & wrapping of porous materials. Also bonds to foams, metals, plastics, and concrete walls.

Benefits

- Excellent bonding to porous substrates
- Low VOC
- Aggressive - bonds to nearly any surface
- Good heat resistance (up to 180°F/82°C)
- High strength, long-term bond

Sizes, Equipment, Color

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



R-OS84 - 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 |

R-OS8 - 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 | • 10oz Sausage | • Gray |
| • 28oz Cartridge | • 5 Gallon Pail | • White |
| • 20oz Sausage | • 52 Gallon Drum | • Black |



R-OSA - ADHESIVE PRIMER & PROMOTER



Applications

Isopropyl alcohol based cleaner/adhesion promoter. Promotes adhesion to painted surfaces, bare metals, and plastics.

Benefits

- Low odor
- Fast drying
- Promotes adhesion to difficult substrates
- Easy wipe on format
- Reduces grease and oils

Sizes

- 1 Quart Can

R-R820 - 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 fluids, and many other substances

Sizes, Color

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



R-A2000 - LOW/MEDIUM VISCOSITY LAMINATING ADHESIVE



Applications

Specifically designed for bonding facing materials to fiberglass and mineral wool in roll coating insulation applications. It features high initial green strength, effectively addressing the challenge of wrinkling across various facing materials.

Benefits

- UL 723 Certification
- Non-Wrinkling
- High-Initial Tack
- Fast drying
- Excellent fiber-tearing bonds
- Excellent coverage - 600 sq ft per gallon

Sizes

- 5 Gallon Pail
- 55 Gallon Drum
- Tote

R-C661 - NON-FLAMMABLE HIGH PERFORMANCE SPRAY CONTACT ADHESIVE



Applications

Specifically formulated as an economical, high-strength adhesive for bonding fiberglass to metal in duct liner applications. It is versatile and suitable for additional substrates, including wood, foam, carpet, paper cardboard, fabric, and plastics.

Benefits

- Non-flammable
- Fast Drying
- Excellent high coverage
- 80% of final strength achieved immediately; full strength achieved in 24 hours
- Fast drying with long open time
- No ODS (Ozone Depleting Substances)
- VOC Free
- Qualifies for LEED* - NC & CI EQ Credit 4.4: laminating adhesives shall contain no urea formaldehyde resins

Sizes

- 1 Gallon Can
- 5 Gallon Pail
- 55 Gallon Drum



R-T600 - 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
- 3/8in x 50ft
- 3/16in Thickness

R-T620 - LOW DENSITY, REVERSE WOUND, PVC, SINGLE SIDED THERMAL TAPE

Applications



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

Benefits

- Low density foam
- Remains pliable at temperatures of 20°C to 82°C
- Excellent fungi
- Oxidization
- Weather Resistant

Sizes

- 3in x 100ft
- 3in x 75ft
- 1/2in x 50ft
- 1/4in Thickness



R-T860 - COLD TEMPERATURE DOUBLE COATED TAPE



Applications

Specifically designed and engineered for cold weather applications where excellent initial tack and extreme temperature requirements are necessary. Ideally suited for mounting insulation, creating lap seals on laminated insulation, reflective insulation and jacketing materials, permanently bonds foams, plastics, and metals. Mounting substrates where cold temperatures are required.

Benefits

- Cold weather performance
- High initial tack
- Provides strong bond to cold or damp surfaces
- Performs well on LSE materials
- Good cohesive strength
- Excellent peel and shear
- Bonds a wide variety of substrates

Sizes

- 3/4in x 180ft
 - 1-1/2in x 180ft
 - 1-1/2in x 1080ft
 - 1 1/2 x 1800
- **custom sizes available upon request

CITRUS ADHESIVE REMOVER



Applications

Designed to safely and powerfully remove adhesive and other substances across all industries and most surfaces including most plastic surfaces. Remove adhesive residue from guns, hoses, and other adhesive equipment. Removes decal residue and is safe to use on most powder-coated surfaces. Helps remove adhesive over-spray in applications.

Benefits

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

Sizes

- 13oz Aerosol Can
- 22L Canister
- 1 Gallon Can
- 5 Gallon Pail
- 55 Gallon Drum



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

Canister	Gun
TC452	FK18
TC453	FK20
TC466	FK20
TC467	FK18

Canister

Hose

Canister	Hose
TC452	FK80
TC453	FK30
TC466	FK30
TC467	FK30

Canister

Tip

Canister	Tip
TC452	11001
TC453	6501
TC466	M201
TC467	6501



QUALITY SOLUTIONS



"We used this adhesive across five different applications, including bonding polyiso foam to a facing material. Previously, the process required three separate adhesives: a water-based, a hot melt, and a solvent-based adhesive. With this product, we streamlined the operation to a single adhesive. Instead of spraying both sides and waiting up to an hour for drying, we now go straight from spraying to boxing within 10 minutes. This shift has significantly increased output and reduced labor costs."

Insulation Manufacturer

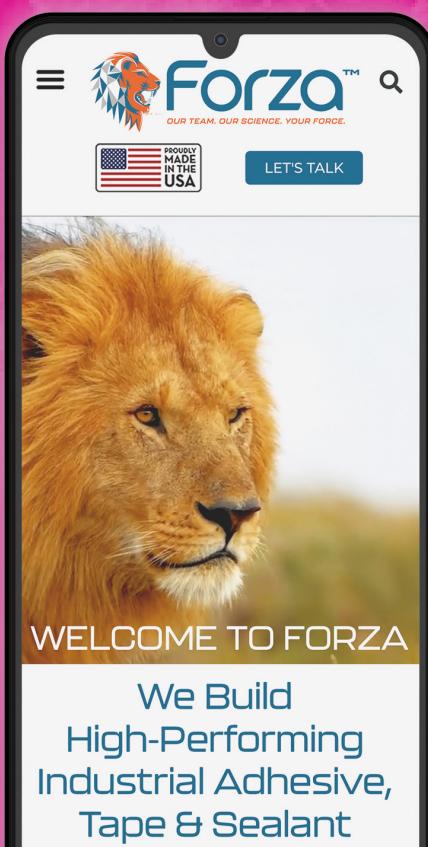


"We had been bonding fiber material to paper using a hot melt adhesive system, but the process was slow and inefficient due to the small spray pattern and large surface areas we needed to cover. Switching to this adhesive transformed our operation. We increased our output from 70 units per day to 120 units per day—a 41% boost in production—without any additional equipment costs or manufacturing overhead. It's been a game-changer for our efficiency and bottom line."

CONTACT US

READY TO SEE FOR YOURSELF?

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 website. At the top is the Forza logo with a lion icon and the tagline "OUR TEAM. OUR SCIENCE. YOUR FORCE.". Below the logo are buttons for "ONLY MADE IN THE USA" and "LET'S TALK". The main image on the phone is a close-up of a lion's face. The text "WELCOME TO FORZA" is visible at the bottom of the phone screen.

We Build
High-Performing
Industrial Adhesive,
Tape & Sealant



Rick Glenn
General Manager
Forza Inc.



Rob Glenn
Sales Director
Forza Inc.



Mike Glenn
Senior Technical
Director
Forza Inc.



YOUR GUIDE TO OUR SOLUTIONS



High-Performance
Product Line



See for yourself.

3211 Nebraska Ave.

Suite 300

Council Bluffs, Iowa 51501

+1.402.731.9300

www.forzabuilt.com

info@forzabuilt.com

