



chemical-concepts.com

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OUR
WOODWORKING
ADHESIVE RANGE



Tensorgrip®



WHAT IS TENSORGRIP®?

Global leader in canister adhesive systems. Passionately creating success with simplified innovative technology.

As far as spray adhesives are concerned, no other product can compare to the strength, tenacity and reliability of Tensorgrip®. Available in canisters as well as aerosols, our innovative formula breaks down barriers presented by time-consuming traditional bonding methods with ease.

Four major things really set Tensorgrip® apart from all other adhesive brands:

Unique range of adhesives

From 100% non-flammable contact adhesives that outperform without compromising time advantages to the world's first cross-linking contacts that change form when cured to develop a highly resistant thermoset bond. These same adhesives are also resistant to plasticizer migration, making them safe for vinyl and rubber bonding.

Simplified Labeling System

To make adhesives easier to choose and identify, the gurus of Tensor developed a simple icon-based system of identification so that there's no reason to be using the wrong adhesive!



CO-REZ Technology

Select Tensorgrip® products feature advanced CO-REZ Technology, which is an exceptional formulation incorporating a highly engineered resin and gas matrix. MORE GLUE—LESS GAS! The result: greater coverage from the same container.



Zero Flam Technology

Select Tensorgrip® products feature an easy way to prevent any canister related mishaps... ZERO-FLAM technology. Thanks to its unique propellant system of non-flammable gases, you'll benefit from a 100 per cent non-flammable canister adhesive system. In addition, you'll love the unparalleled spray performance, which is only available by utilising the exceptional ZERO-FLAM technology.



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Aspiring to be your "Most Valued Supplier"



WHAT SIZES OF TENSORGRIP® ARE AVAILABLE?



Aerosol - 650ML (22 FL OZ)

This convenient aerosol is great for small applications or for less-frequent users. Small but sticks all the same!



Mini - 7L

The Mini is a portable, and yet great for tight spaces. It contains more adhesive than an aerosol so you'll be more efficient with fewer changeovers.



Large - 22L

Our most popular adhesive container, the 22L canister is great for production where ultimate portability is required.



Intermediate - 108L

The 108L canister is portable, but geared toward use in larger-scale production environments.



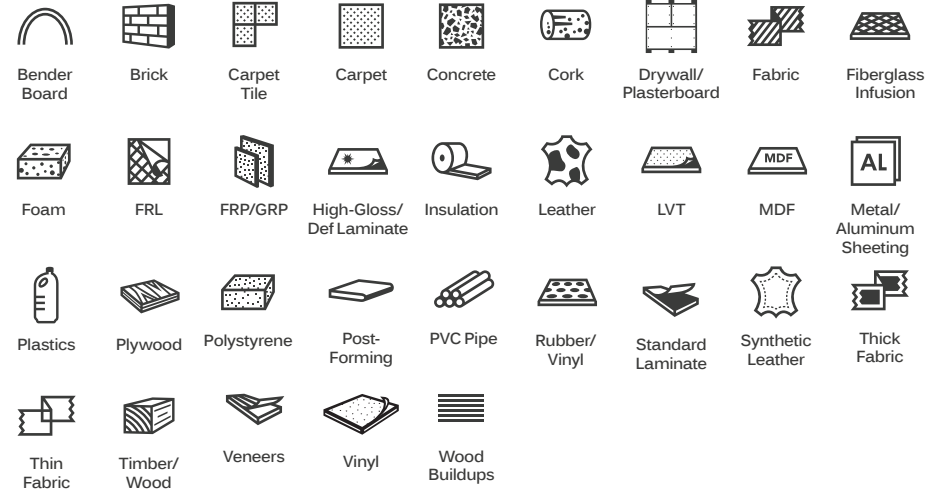
Jumbo - 216L

The largest in our range, the 216L canister is suitable for the largest-scale production applications. Multi-user friendly.

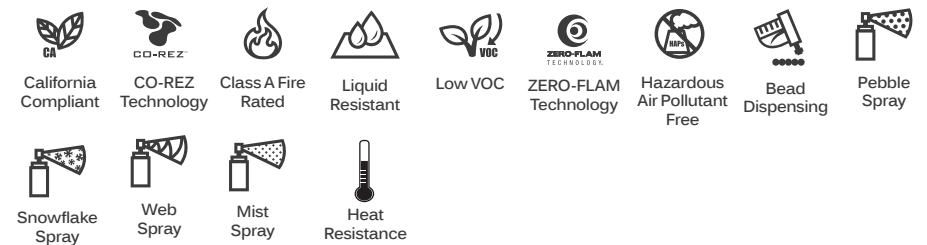
THE TENSOR LABEL SYSTEM

Choosing the product that is right for the job should never have to be a hassle, so we at Tensor have developed a new labeling system to help make your choosing of the correct adhesive as quick and easy as possible! Our aerosol and canister labels have been color coded to fit specifically into the market of which they apply to most and now feature icons that help you define which applications the adhesive is best suited for.

SUBSTRATE IDENTIFICATION ICONS



PRODUCT PROPERTY ICONS





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L10

High-Temp Contact Adhesive

Tensorgrip® L10 is a high performance industrial contact spray adhesive formulated for bonding laminate on porous or tough-to-bond materials.

Advantages:

- High Tack
- Full strength achieved in 24 hours
- Fast drying with long open time
- Excellent green strength and high heat resistance
- 80% of final strength achieved immediately
- Excellent high coverage

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: UniJet® 9501B



TDS / SDS

Substrates:



Standard Laminate

Properties:



Web Spray



Heat Resistance up to 250F/122C

Available Sizes:



Jumbo 216L



Intermediate 108L



Large 22L



Mini 7L



Aerosol 650ML (22 FL OZ)

Available Colors:



Clear

LION

Non-Flam High-Temp Contact Adhesive

Tensorgrip® L10N is a non-flammable high performance spray adhesive formulated for bonding decorative HPL (high pressure laminate) to a variety of substrates. This is designed to deliver a smooth, strong bond in nearly any laminate application while maintaining perfect non-flammable properties. Formulated with CO-REZ Technology, Tensorgrip® L10N is an exceptional formulation incorporating a highly engineered resin and gas matrix. The result is greater coverage from less canister weight.

Advantages:

- Non-flammable
- Excellent high coverage
- High tack
- Fast dry with long open time
- 100% adhesive transfer to substrate
- VOC free
- 80% of final strength immediately
- Full strength achieved in 24 hours

Application Tools:

- Hose: M180
- Application Gun: M120
- Recommended Tip: M201



TDS / SDS

Substrates:



Standard Laminate



FRL



MDF

Properties:



ZERO-FLAM Technology



Web Spray



CO-REZ Technology



Heat Resistance up to 250F/122C

Available Sizes:



Jumbo 216L



Intermediate 108L



Large 22L



Mini 7L

Available Colors:



Clear



Blue



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L12

High-Build, High-Strength Web Spray Adhesive

Tensorgrip® L12 is a high solids web spray contact adhesive with good temperature resistance. Reowned for its instant strength and permanent, near-structural bond.

Advantages:

- High build web spray
- Excellent for rigid substrates
- Instant aggressive bond - adheres to many surfaces
- High-strength, permanent bond
- Fast dry with excellent initial bond

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: M201



TDS / SDS

Substrates:



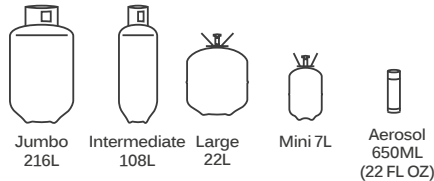
Bender Board Wood Buildings

Properties:



Web Spray CO-REZ Technology Heat Resistance up to 250F/122C

Available Sizes:



Jumbo 216L Intermediate 108L Large 22L Mini 7L Aerosol 650ML (22 FL OZ)

Available Colors:



Clear

L16

Fast Dry Pressure Sensitive Adhesive

Tensorgrip® L16 is a high solids, very fast dry, high tack spray adhesive that has good temperature resistance.

Advantages:

- Aggressive – Adheres to nearly any surface
- Repositionable
- High tack
- Excellent high coverage
- Thick web spray
- 80% of final strength achieved immediately
- Full strength achieved in 24 hours
- Fast drying with long open time
- Excellent green strength and high heat resistance
- No ODS (Ozone Depleting Substances)
- OTC Compliant

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: UniJet® 11001B



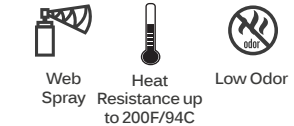
TDS / SDS

Substrates:



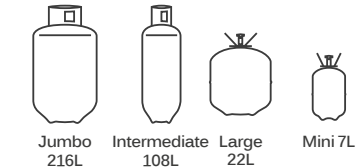
Polystyrene Plastics Fabric MDF Foam

Properties:



Web Spray Heat Resistance up to 200F/94C Low Odor

Available Sizes:



Jumbo 216L Intermediate 108L Large 22L Mini 7L

Available Colors:



Clear Green



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L17

Fire Rated High-Temp Contact Adhesive

Tensorgrip® L17 is a high performance fire rated, industrial spray contact adhesive formulated for bonding decorative HPL (high pressure laminate) to a variety of substrates. Fire rated testing includes ASTM E1354 test method for heat and visible smoke release complying with FMVSS 302 Standards.

Advantages:

- Excellent for Fire Rated MDF
- Class A Fire rated
- Excellent Heat Resistance
- 100% Adhesive Transfer to Substrate
- Fully Portable System
- High Strength Permanent Bond

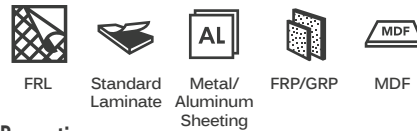
Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: UniJet® 9501B



TDS / SDS

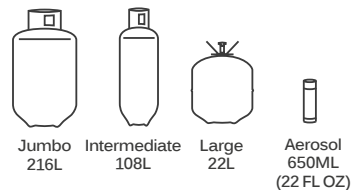
Substrates:



Properties:



Available Sizes:



Available Colors:



Clear

L17N

Fire Rated Non-Flam Contact Adhesive

Tensorgrip® L17N is a high performance fire rated, industrial spray contact adhesive formulated for bonding decorative HPL (high pressure laminate) to a variety of substrates. Formulated with CO-REZ Technology, Tensorgrip L17N is an exceptional formulation incorporating a highly engineered resin and gas matrix. The result is greater coverage from less canister weight. Fire rated testing includes ASTM E1354 test method for heat and visible smoke release complying with FMVSS 302 Standards.

Advantages:

- Class A Fire Rated
- Completely non-flammable
- No VOCs
- Excellent high coverage
- 80% of final strength achieved immediately
- Full Strength achieved in 24 hours
- Excellent green strength
- No ODS (Ozone Depleting Substances)
- High Tack
- Fast Drying with long open time

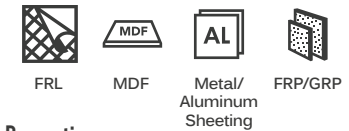
Application Tools:

- Hose: M180
- Application Gun: M120
- Recommended Tip: M201



TDS / SDS

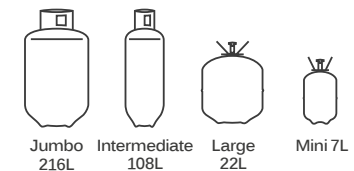
Substrates:



Properties:



Available Sizes:



Available Colors:



Clear



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L20

CA Compliant Low VOC Contact Adhesive

Tensorgrip® L20 is formulated to achieve a successful, lasting bond to standard laminates and a range of other substrates while complying with strict California VOC regulations. Formulated with CO-REZ Technology, which is an exceptional formulation incorporating a highly engineered resin and gas matrix. The result: Greater coverage from less canister weight.

Advantages:

- High tack
- Fast dry with excellent initial bond
- High-strength
- SCAQMD Rule 1168 Compliant
- Low VOC
- Qualifies for LEED 3.2, 4.1, 4.4

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: UniJet® 9501B



TDS / SDS

Substrates:

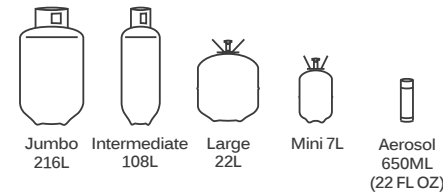


Standard Laminate

Properties:



Available Sizes:



Available Colors:



Red Clear

L30

Post Formable Pebble Spray Contact Adhesive

Tensorgrip® L30 is formulated specifically to eliminate telegraphing and deliver quality results on high-gloss or thin laminates and in postforming applications. Formulated with CO-REZ Technology, which is an exceptional formulation incorporating a highly engineered resin and gas matrix. The result: Greater coverage from less canister weight.

Advantages:

- Post-formable
- Low VOC, CA Compliant
- Lower profile for thinner materials
- Excellent high coverage
- HAPS Free
- SCAQMD Rule 1168 Compliant
- No ODS (Ozone Depleting Substances)
- OTC Compliant

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: UniJet® 4001B



TDS / SDS

Substrates:



Standard Laminate

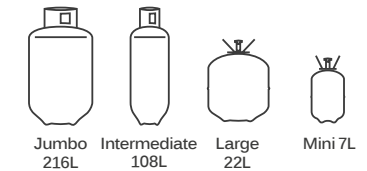


Post-Forming

Properties:



Available Sizes:



Available Colors:



Blue Clear



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L60

Polystyrene Safe Pressure Sensitive Adhesive

Tensorgrip® L60 is an industrial strength aggressive and fast-drying pressure sensitive adhesive formulated to achieve a successful, lasting bond to fabric, foam and insulation. This unique formula enables it to be sprayed on Polystyrene without attacking it.

Advantages:

- Polystyrene safe
- Excellent for single- or double-sided use
- Very fast drying
- Long open time
- Full strength achieved in 24 hours
- Long-lasting high tack
- Moisture resistant and strong weather-resistant bond

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: UniJet® 9501

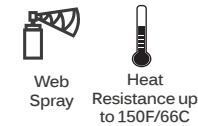


TDS / SDS

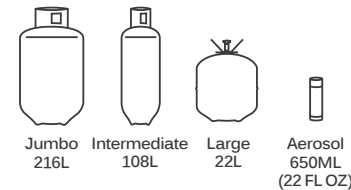
Substrates:



Properties:



Available Sizes:



Available Colors:



L64

Ultra-Low Profile Contact Adhesive

Tensorgrip® L64 is the ONLY spray contact adhesive for bonding GLOSS decorative surfaces. It's developed to give a perfect mist spray pattern for the lowest-profile available. Tensorgrip® L64 also complies with California VOC regulations (SCAQMD Rule 1168). Formulated with CO-REZ Technology, which is exceptional formulation incorporating a highly engineered resin and gas matrix. The result: Greater coverage from less canister weight.

Advantages:

- Super low profile, doesn't telegraph
- Excellent for high gloss and thin laminate
- Excellent high coverage
- Post-formable
- OTC Compliant
- 80% of final strength achieved immediately
- Full strength achieved in 24 hours
- Low VOC California Compliant
- SCAQMD Rule 1168 Compliant
- HAPS Free
- No ODS (Ozone Depleting Substances)

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: M201



TDS / SDS

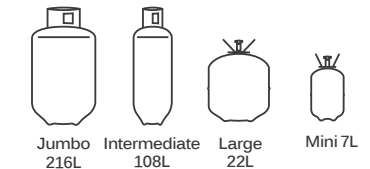
Substrates:



Properties:



Available Sizes:



Available Colors:





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L70

CA-Compliant Crosslinking Contact Adhesive

Tensorgrip® L70 is a revolutionary high performance, plasticizer resistant adhesive, specially formulated for bonding vinyl, rubber and plastics. Works well on decorative surfaces subject to plasticizer migration as well as many other surfaces including standard laminate and aluminium. Like epoxy, chemically reacts to create permanent bond.

Advantages:

- Bonds vinyl permanently
- VOC free
- Excellent plasticizer resistance
- Strong, permanent bonds
- High output for fast application
- Semi-repositionable
- Resist weathering, water, fuel, oil and many other plasticizers
- Bonds to damp surfaces (moisture cure)

Application Tools:

- Hose: M180
- Application Gun: M120
- Recommended Tip: UniJet® 9501B

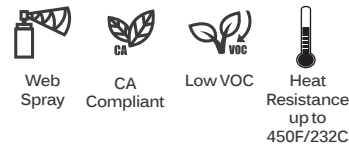


TDS / SDS

Substrates:



Properties:



Available Sizes:



Large 22L

Available Colors:



Clear

L80

Polystyrene Foam Contact Adhesive

Tensorgrip® L80 is one of only a few high performance contact adhesives that won't attack polystyrene foam. Boasting an unmatched bond, easy application and retained tackiness, Tensorgrip® L80 will also bond to many other substrates such as other foams, MDF, chipboard, plywood and many plastics.

Advantages:

- Will not attack polystyrene
- Water resistant
- Fast Tack
- Permanent bond - even to porous substrates
- 80% of final strength immediately

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: UniJet® 9501B



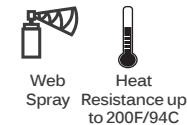
TDS / SDS

Substrates:



Polystyrene

Properties:



Available Sizes:



Large 22L



Mini 7L



Aerosol 650ML (22 FL OZ)

Available Colors:



Clear



Blue



Green - Aerosols Only



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L99N

Non-Flam Non-MECL Contact Adhesive

Tensorgrip® L99N, is a completely non flammable, non methylene chloride canister adhesive. Multi purpose with excellent bond to unsanded melamine, difficult to bond foams such as memory foam and polyurethane foam and many other substrates.

Advantages:

- Non-flammable
- Non-Methylene Chloride
- High Heat Resistance
- Lowest VOC content of Non-Flam, Non-Methylene Chloride Adhesives
- 100% Adhesive Transfer to substrate
- Fully Portable System

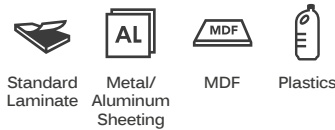
Application Tools:

- Hose: M180
- Application Gun: M120
- Recommended Tip: M201

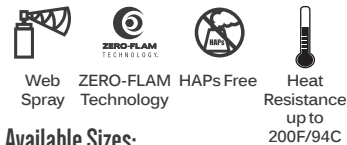


TDS / SDS

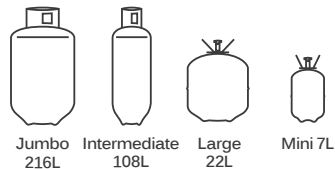
Substrates:



Properties:



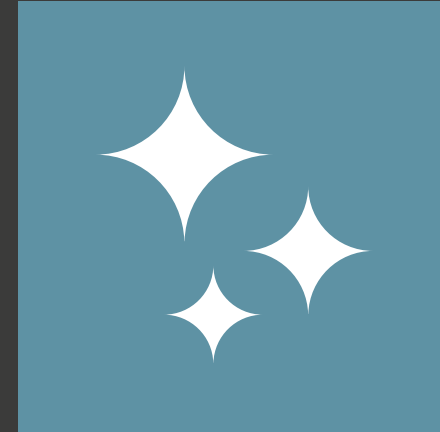
Available Sizes:



Available Colors:



Blue Clear



CLEANERS



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S101

Citrus Adhesive Cleaner

Tensorgrip® S101 is a bio-safe citrus solvent/cleaner, degreaser and adhesive remover designed to safely and powerfully remove adhesives and other tough substances. Available in small canisters for purging adhesive spray equipment.

Advantages:

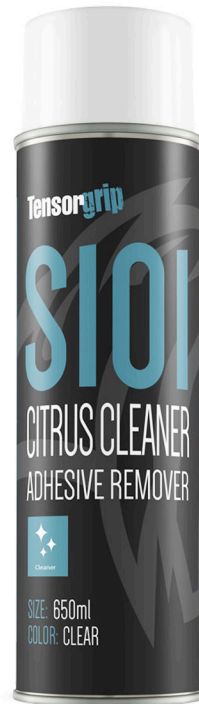
- Cleans hoses, spray guns and other adhesive equipment
- Exceptional cleaning/degreasing power
- Pleasant citrus scent
- Safer than most comparable cleaners
- Compatible with most plastics
- Non-corrosive
- Pleasant citrus scent
- Biodegradable
- Decal residue removal - safe for powder-coated surfaces

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: M201



TDS / SDS



Properties:



Mist Spray

Available Sizes:



Large 22L



Mini 7L



Aerosol 650ML (22 FL OZ)

S104

Adhesive Cleaner & Remover

Tensorgrip® S104 is an adhesive cleaner and remover designed to safely and powerfully remove adhesives and other tough substances.

Advantages:

- Exceptional cleaning and degreasing power
- Non-corrosive
- Compatible for most plastics
- Cleans hoses, spray guns, and other adhesive equipment
- Decal adhesive residue removal

Application Tools:

- Hose: M130
- Application Gun: M120
- Recommended Tip: M201



Properties:



Mist Spray

Available Sizes:



Large 22L



Mini 7L



Aerosol 650ML (22 FL OZ)



TDS / SDS



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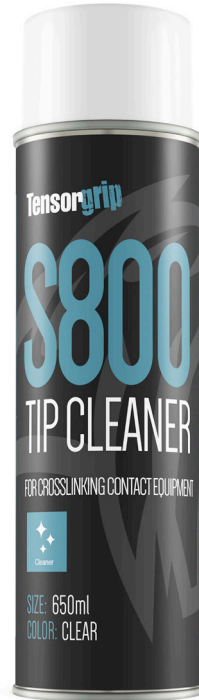
S800

Tip Cleaner for Cross-Linking Contact Equipment

Tensorgrip® S800 is a powerful, unique tip cleaner developed specifically for care of gun tips used with Tensorgrip® cross-linking contact adhesives. This cleaner effortlessly eliminates adhesive blockage from gun tips without creating an unnecessary mess or affecting moisture cure adhesives negatively.

Advantages:

- Safe & Effective
- Fast cleaning of tips
- Assists in smooth, uninterrupted spray of Tensorgrip® cross-linking contact adhesives
- No mess
- No HAPs



Properties:



Mist Spray

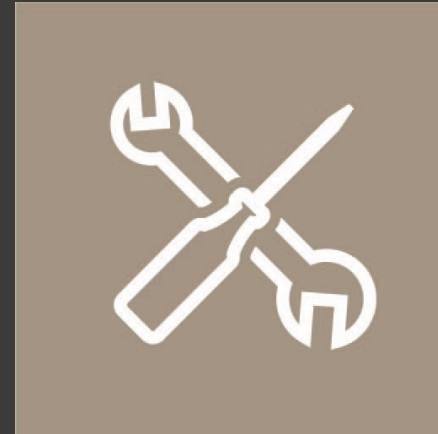
Available Sizes:



Aerosol
650ML
(22 FL OZ)



TDS / SDS



TOOLS



OUR **WOODWORKING** ADHESIVE RANGE

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MI20

Adjustable Spray Gun

Heavy duty, built to last through steady industrial use. This is your go-to spray gun, compatible with all of our spray tips and suitable for every industry.



MI25

Wand Spray Gun

The fastest, easiest application of canister spray adhesives ever! Extend your reach, save your back and cut down on application time with a wide fan web spray. Suitable for most web spray products. Best for applications where bending over or reaching is required.



MI30

Flexible Rubber Hose

The standard rubber coated hose is designed for use in heavy industrial situations. Maintains excellent flexibility and durability even through rigorous daily use.

Available Lengths:

- 12'
- 18'
- 25'



MI80

Quin White Flexible Hose

The M180, white flexible hose, is designed specifically for our exclusive range of Zero-Flam technology products.

Available Lengths:

- 8'
- 12'
- 18'
- 25'





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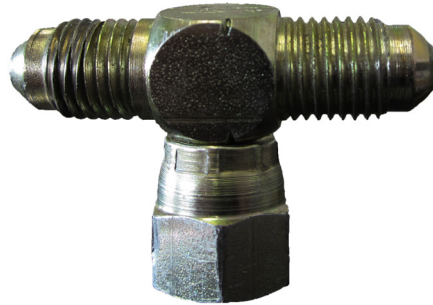
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M300

Two Way Splitter

Now you can use two spray guns off of one canister! For use with 108 liter and 216 liter canisters.



M510-22

Canister Trolley System

The ideal solution for shop and large field jobs where portability is of the essence. The trolley allows a seamless spray application and easy transport of the 22L canister.

Advantages:

- Easy to use
- No more tangled hoses
- No more lugging canisters around
- No more struggling to hold canister in one hand while spraying with the other
- Powder-coated surface; makes it tough and stain-resistant



Need more information? Have questions? Get in touch with our adhesive enthusiasts today. We're waiting for you to contact us!

CALL:

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E-MAIL:

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VISIT:

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www.QuinGlobal.com

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Concepts**
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QUIN
GLOBAL

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GLOBAL