



OUR
AEROSPACE
ADHESIVE
RANGE



Quin Global UK
Unit 1, Ruthvenfield Avenue
Inveralmond Industrial Estate
Perth, PH1 3WB

www.quinglobal.com
www.tensorglobal.com
sales.uk@quinglobal.com
0845 381 22 33

QUIN
GLOBAL
Tensor[®]

Tensorgrip[®]
Adhesives That Outperform



WHAT IS TENSORGRIP®?

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, **TensorGrip's** innovative formula breaks down barriers presented by traditional bonding methods with effortless ease.

Our adhesive systems eliminate the need to use traditional methods of bonding, that are messy, wasteful and time-consuming. Because **TensorGrip®** is a spray adhesive you are completely in control of how much glue is used, resulting in an even spray pattern the way you want it without the fuss and inconsistency that comes with using hand-applied adhesive.

Our revolutionary adhesive formulas have been proven to almost completely remove the time spent waiting for glue to tack; where traditionally you would be waiting for 25 minutes, **TensorGrip®** can tack off in as little as **ONE MINUTE!**

Not only will **TensorGrip®** speed up your workflow and drastically reduce production time, it is guaranteed to transform the way in which materials are bonded together with noticeably superior results!



OUR AEROSPACE ADHESIVE RANGE



WHAT SIZES OF TENSORGRIP® ARE AVAILABLE?

Aerosol

Volume: 500ml

This convenient 500ml aerosol is perfect for small applications or for less-frequent users. Small but sticks all the same!

Canister

Volume: 13L/22L

Our most popular adhesive container; comes equipped with a gun and hose system for fast and accurate dispersal. A long-lasting and cost-effective solution available in a 13 or 22 litre canister.

Intermediate

Volume: 110L

The largest in our range, suitable mostly for use in large-scale production environments.

THE NEW TENSOR LABELLING 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 labelling system to help make your choosing of the correct adhesive as quick and easy as possible! Each of our aerosol, canister and intermediate labels have been colour coded to fit specifically into the market of which they apply to most and now feature icons that depict which applications the adhesive is best suited for. The following applications are carried out to the greatest effect with our AEROSPACE range:



Seating



Ceilings/Headliners



Walls



Cabinets



Flooring

SUBSTRATE IDENTIFICATION ICONS



Brick



Carpet



Carpet Tile



Concrete



Cork



Fabric



Fabric (Thick)



Fabric (Thin)



Fibreglass Infusion



Flexi-Ply



Foam



FRL



FRP/GRP



FRP Reefer Liners



High Gloss Laminate



Insulation



MDF



Metal/Aluminium Sheeting



Plasterboard



Plastics



Plywood



Polystyrene



Post Forming



PVC Pipe



Rubber



Standard Laminate



Synthetic Leather



Timber/Wood



Veneers (Natural)



Veneers (Paperback)



Vinyl



Wood Build-ups

PRODUCT PROPERTY ICONS



Web Spray



Pebble Spray



Mist Spray



Snowflake Spray



Bead Application



Liquid Resistant



California Compliant



Low VOC



Class-0 Fire Rating



Class-1 Fire Rating



CO-REZ™



ZERO-FLAM TECHNOLOGY



HAPs Free



OUR AEROSPACE ADHESIVE RANGE



A70

RTM/Infusion Mould Spray Adhesive

TensorGrip® A70 is a **HIGH PERFORMANCE,** solvent-based polymer adhesive in a pressurised canister delivery system.

This exceptional adhesive is specifically designed to hold reinforcing fibres in place during the infusion process of the resin without affecting the surface finish or structural integrity. Most importantly, **TensorGrip® A70** does not interfere with the curing process of vinyl esters, polyesters or styrene resins and ultimately becomes part of the polymer matrix. The **A70** is a unique system to be used in the moulding process and is designed specifically to overcome the problems normally associated with using other types of adhesives, such as bonding failure, resin blockage, surface defects in the finished product, etc. It can also be used as a general purpose adhesive for a wide range of applications.

Advantages:

- Used for Infusion/Vacuum Forming composites.
- Safely fuses laminating materials to structural core surfaces.
- Provides superior holding during forming process.
- Allows resin to obtain maximum tensile shear strength.
- Fine mist spray with green tracer for accuracy in application.
- Fast tack.
- HAPS Free (No chlorinated solvents)
- Does not interfere with cure process.

Substrates:



Properties:



Available in:





OUR AEROSPACE ADHESIVE RANGE



A50

Thin Gloss Laminate
Spray Adhesive

Unbeatable results when bonding VENEERS and GLOSS LAMINATES.

TensorGrip® A50 is a spray adhesive suitable for post-forming, developed specifically for procuring the smooth finish required for elegant, thin or high-gloss substrates. It is designed for permanent bonding of materials where immediate bond strength and high heat resistance are required. The A50 can also be used for bonding sheet metals where surface preparation is important; the surface must be degreased and lightly abraded with fine abrasive or non-woven material.

Advantages:

- Suitable for post-forming.
- Low profile adhesive, eliminating the issue of telegraphing.
- High heat resistance over 200°F/95°C.
- Low VOC California Compliant (SCAQMD Rule 1168 Compliant).
- HAPS free.
- No ODS (Ozone Depleting Substances).
- Qualifies for LEED®-NC & CI EQ Credit 3.2, 4.1 and 4.4.
- Contains no urea formaldehyde.
- OTC Compliant.

Substrates:



Properties:



Available in:





OUR AEROSPACE ADHESIVE RANGE



A20

Plasticiser Resistant Vinyl Spray Adhesive

TensorGrip® A20 is a revolutionary, high performance plasticiser resistant adhesive, specially formulated to bond all commonly used substrates found within the Aerospace industry i.e. vinyl, rubber, leathers and plastics. For use in high demanding areas of the Aerospace industry where delamination of vinyl and interior fabrics a major issue.

Advantages:

- 100% resistant to delamination caused by plasticiser migration.
- Ultra high temperature resistance – up to 169°C.
- Good green strength.
- Offers a level of repositionability for dash board vinyl construction.
- Consistent web spray pattern.
- Will bond all decorative fabrics, foams, vinyls and laminates.
- Creates a structural type bond line.



Substrates:



Properties:



Available in:



A30

Aircraft Seat Foam & Fabric Adhesive

TensorGrip® A30 is a spray contact adhesive designed for aircraft seat fabrication. Its consistent spray coverage offers an aggressive, permanent bond to porous foam and thick fabric.



Advantages:

- Incredible Grab.
- Good Heat Resistance.
- High Solids.
- Easy Application Control.
- Versatile.
- Economic.

Substrates:



Properties:



Available in:



Save over
£250



WE'LL SET YOU UP WITH **TensorGrip®** FOR FREE!

Using **TensorGrip®** is more than simply using an adhesive canister; it is having everything that you need to create that unbeatable bond in as simple a fashion as possible. Inside this box lies the key to reaching the optimum potential of **TensorGrip®**, bringing your work to new heights of quality and efficiency, all the while incurring absolutely no additional cost to your first canister purchase*. We are proud to introduce the **TensorGrip® Kick Off Kit**. This unique package comes with all of the essential tools for bonding, including a Professional Spray Gun, Hose, Gun Tip, Roller and a **Tensor**-branded Ball. Everything to ensure that you are getting the very best out of our adhesives!



Kick Off



OUR AEROSPACE ADHESIVE RANGE



A30N

Non-Flam PS Adhesive

TensorGrip® A30N is a non-flammable, high performance and pressure sensitive spray adhesive formulated for applications where retained tackiness is required. It is designed for bonding porous substrates such as foam.



Advantages:

- Long open time.
- Aggressive tack.
- Non-flammable.
- Consistent spray pattern.

Substrates:



Properties:



Available in:



A40N

Thin Fabric Spray Adhesive

TensorGrip® A40N is a non-flammable spray contact adhesive formulated for bonding aircraft synthetic leather (i.e. ultra leather) and thin fabrics. Fine, consistent spray delivers a smooth, strong and impeccable bond to even the finest fabrics.



Advantages:

- Non-flammable.
- 80% of final strength achieved immediately.
- Fast drying with long open time.

Substrates:



Properties:



Available in:





OUR ADHESIVE CLEANER RANGE



C101

Citrus Adhesive Cleaner

TensorGrip® C101 Citrus Cleaner is a biodegradable, citrus solvent cleaner, degreaser and adhesive remover. It can be used safely on most surfaces and substrates, including painted surfaces, glass, porcelain, concrete, and is compatible with many plastics and vinyls.

Advantages:

- Biodegradable.
- Compatible with most plastics.
- Citrus scent.
- Increased productivity.
- Minimises waste.
- Minimises equipment set-up & clean-up.
- Completely portable.



S105

Acetone Cleaner

TensorGrip® S105 Acetone Cleaner is a solvent cleaner, hose flush and has been specifically designed for use with TensorGrip® PU canister products as a Hose & Spray Gun Flushing System. It can be used safely on most canister spray equipment and is a strong solvent (will not remove dried/ cured PU products). This product can be used safely on most surfaces and substrates including painted surfaces, glass, porcelain, concrete, and is compatible with many plastics and vinyls.

Advantages:

- Efficient clean-up & maintenance.
- Compatible with most adhesives.
- Compatible with most plastics.

Dual
**GLEEM
TEX**



THE ULTIMATE INDUSTRIAL WIPE

Tensorgrip

Sticky[®] points

THE ADHESIVE LOYALTY SCHEME

Receive **FREE** Tensor[®] products when you sign up to the **Sticky Points Loyalty Programme!**

Register for free and start earning **Sticky Points[®]** straight away! Simply buy **Tensor[®]** products from your usual distributor and enter your unique code online to earn **Sticky Points[®]**. These points can be exchanged for a range of **Tensor[®]** products, such as a 22L canister, a roller or spray gun, or even a football! Better still, we'll send your reward to you **FREE OF CHARGE!**

Why not check the canister you are currently using for a **Sticky Points[®]** label?

HERE'S HOW IT WORKS

1. Register your details
2. Find the code on your **Tensor[®]** product
3. Access your account
4. Enter your code
5. Watch your points balance grow
6. Redeem!

When you have collected enough points, **REDEEM** those points for your favourite product and we'll send it to you **FREE OF CHARGE!**



Scan here and register
to start collecting
Sticky Points now!

Tensor[®]



OUR AEROSPACE ADHESIVE RANGE



AEROSPACE PRODUCT MATRIX

								NORMAL CONDITIONS										CONDITIONS UNDER STRESS										
	CANISTER	AEROSOL	KEY CHARACTERISTIC	GUN TYPE	HOSE	NOZZLE	CLEANER	Thin Fabrics	Thick Fabrics	Carpets	Fibreglass Infusion - Polyester	Fibreglass Infusion - Epoxy	Gloss Laminates	Foam	Synthetic Leathers	PVC-based Substrates	Vinyl Flooring	Thin Fabrics	Thick Fabrics	Carpets	Fibreglass Infusion - Polyester	Fibreglass Infusion - Epoxy	Gloss Laminates	Foam	Synthetic Leathers	PVC-based Substrates	Vinyl Flooring	
A20	✓		100% Plasticiser resistant.	Professional Gun	HT Hose	8002 - Standard 9501 - Wide	S105 Acetone	•								•	•	•							•	•	•	•
A30	✓		Aircraft Seat Foam & Fabric Spray Adhesive	Professional Gun	Black Rubber 4 Mtr Hose	Lechler 9501 - Wide	C101 Citrus Cleaner																					
A30N	✓		Non-Flam PS Adhesive	Professional Gun	Stainless Steel Hose	Lechler 9501 - Wide	C101 Citrus Cleaner	•	•					•														
A40N	✓		Thin Fabric Spray Adhesive	Professional Gun Long Wand Gun	Black Rubber 4 Mtr Hose	6501 - Standard 9501 - Wide	C101 Citrus Cleaner	•							•													
A50	✓		Thin Gloss Laminate Spray Adhesive	Professional Gun	Black Rubber 4 Mtr Hose	4001 - Standard 6501 - Wide 9501 - Wide	C101 Citrus Cleaner						•										•					
A70	✓	✓	RTM/Infusion Mould Spray Adhesive	Professional Gun Long Wand Gun	Black Rubber 4 Mtr Hose	Lechler 9501 - Wide	C101 Citrus Cleaner				•	•										•	•					

Contact Us

If you are looking to place an order or if you require any further information, please don't hesitate to get in touch.

Call:

0845 381 22 33

E-mail:

sales.uk@qinglobal.com

Visit:

www.tensorglobal.com

www.qinglobal.com

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Perth, PH1 3WB