

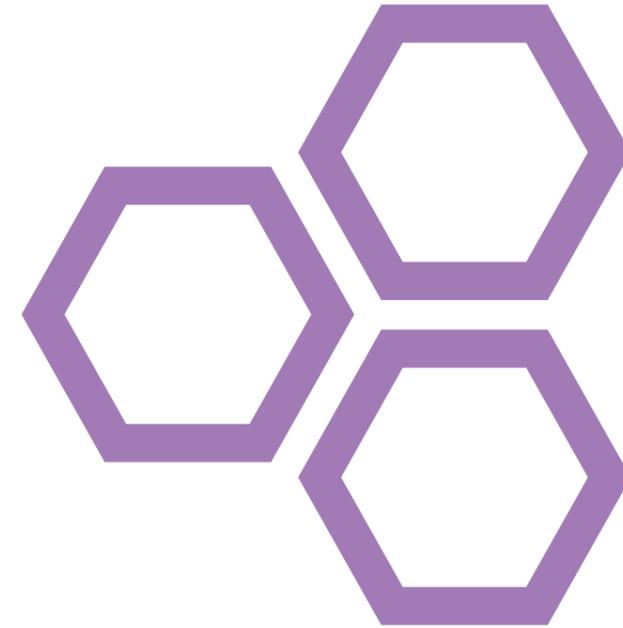
A Brand of

QUIN
GLOBAL

www.quinglobal.com
+44(0)1738 494919

www.tensorglobal.com
@tensorindustrial

V2.0 - 02.2026



COMPOSITE ADHESIVES

Tensorgrip[®]

ADHESIVES THAT OUTPERFORM

WHAT IS TENSORGRIP®?

When it comes to spray adhesives, **TensorGrip®** stands unmatched in strength, tenacity, and reliability. Available in 500ml aerosols, 22ltr canisters, and select grades in 110ltr canister systems, **TensorGrip®**'s cutting-edge formulas effortlessly overcome the limitations of traditional bonding methods.

Our 100% portable spray adhesive systems eliminate the waste and time-consuming nature of conventional bonding techniques, bringing agility to the modern joinery manufacturing environment. With **TensorGrip®** spray adhesives, you have complete control over glue distribution, ensuring a consistent and precise spray pattern every time.

Our revolutionary adhesive formulas significantly reduce the waiting time for glue to tack. While traditional methods can require up to 20 minutes, **TensorGrip®** products achieve flash-off in as little as 1-5 minutes, depending on the adhesive grade. This not only speeds up your workflow and drastically reduces production time but also transforms the way materials are bonded, delivering noticeably superior results.





THE COMPOSITE RANGE

By identifying the Composites industry's needs, the Research & Development team at **Quin Global** has developed a groundbreaking range of adhesives formulated for specific applications and processes within Industries including Marine, Wind Energy, Automotive & Construction.

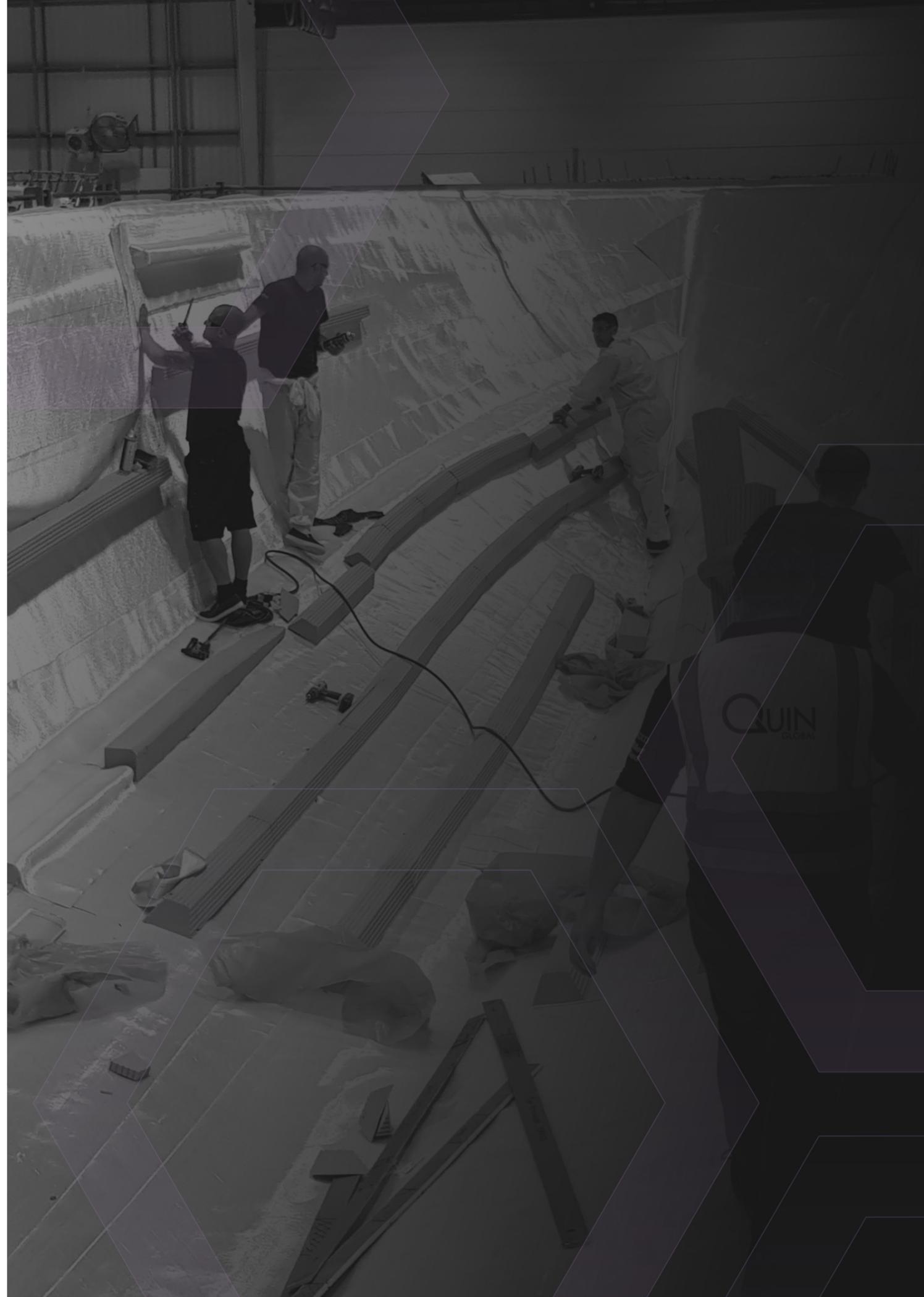
Here are 4 key reasons why the **TensorGrip® TC** range has earned a leading position in the Composites spray adhesives market:

- A product for every application
- Market-leading resin compatibility.
- Leading the way in new generation SVHC free, reduced hazard solvent technology.
- Global technical support.

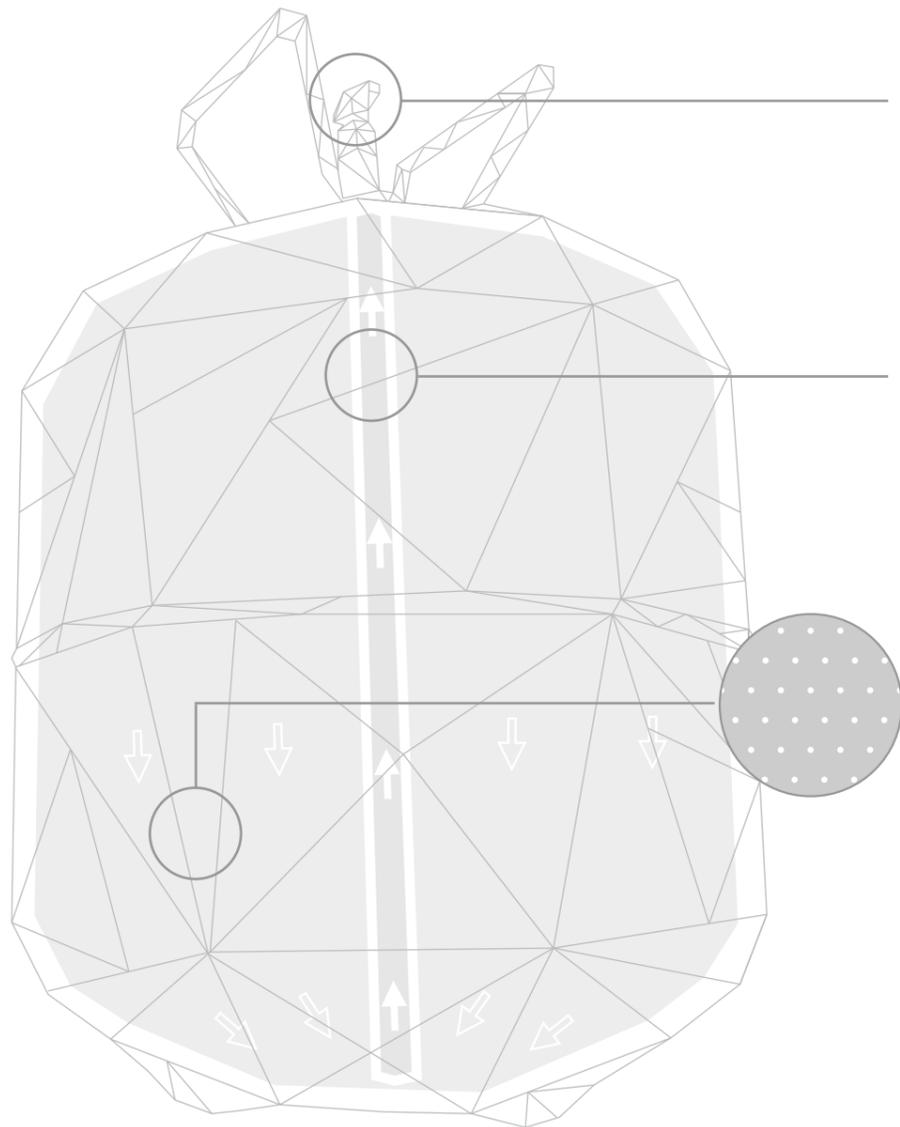
The **TensorGrip®** Composites range is split into two categories:

INFUSION & RTM: Through every stage of dry lay up, Infusion and RTM processes, materials are placed in a wide variety of combinations and positions with varying levels of complexity and demand. This is where **TensorGrip® TC** products provide the perfect solution. Whether you are placing dry mat, core material, foam stringers, and other reinforcements, we have an end-to-end solution while ensuring the highest possible levels of resin compatibility, quality of the finished part, and minimized reworks.

PATTERN & MOULD MAKING: Pattern Build and Mould Manufacturing in the Composites Industry is a very Individual and bespoke process. **TensorGrip® TC** products can be successfully integrated with common substrates and provide excellent adhesion and process time reduction. Whether you are working with Ply deck build up, smooth or rough face polystyrene block, PU or Epoxy Tooling board, or other common materials, we have the solution.



THE SYSTEM

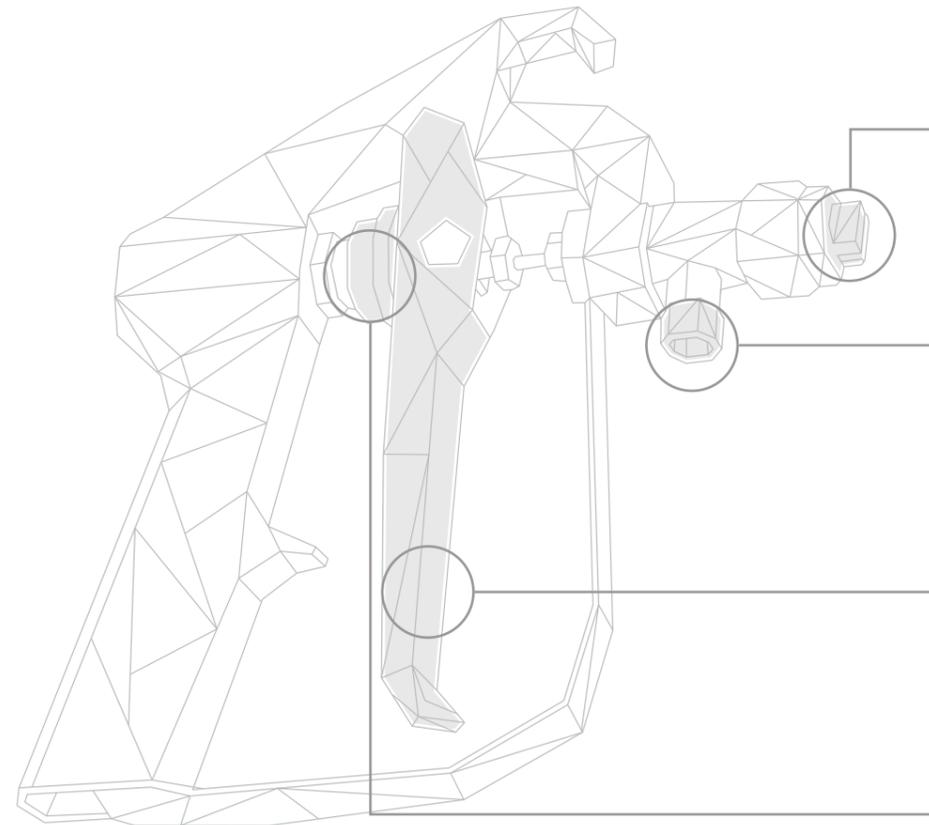


VALVE
Controls the flow of adhesive from the canister.

DIP TUBE
Reaches to the bottom of the canister to ensure that every drop of adhesive is used.

ADHESIVE & GAS MIXTURE
Engineered with care and precision with intent to be the very best in the world. Pressurised gas is designed to propel the adhesive out of the system.

THE GUN



NOZZLE
Changeable nozzles designed to optimise spraying performance - subject to adhesive type.

HOSE CONNECTION
The attachment point to connect the gun to the canister via the hose.

TRIGGER
Pull the trigger and out comes the adhesive. Simple!

ADJUSTMENT WHEEL
Use this to control the flow of adhesive dispersed from the gun; turn anti-clockwise to open and clockwise to close.

SYSTEM VOLUMES

No two workshops are the same and project requirements will vary. So whether it's a small-scale application or high-end industrial manufacturing, we have designed the system that is right for you.



AEROSOL

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

Volume: 500ml
Size: 65mm x 238mm
Weight*: Up to 0.600kg



CANISTER

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.

Volume: 13 / 22ltr
Size: 310mm x 450mm
Weight*: Up to 23kg

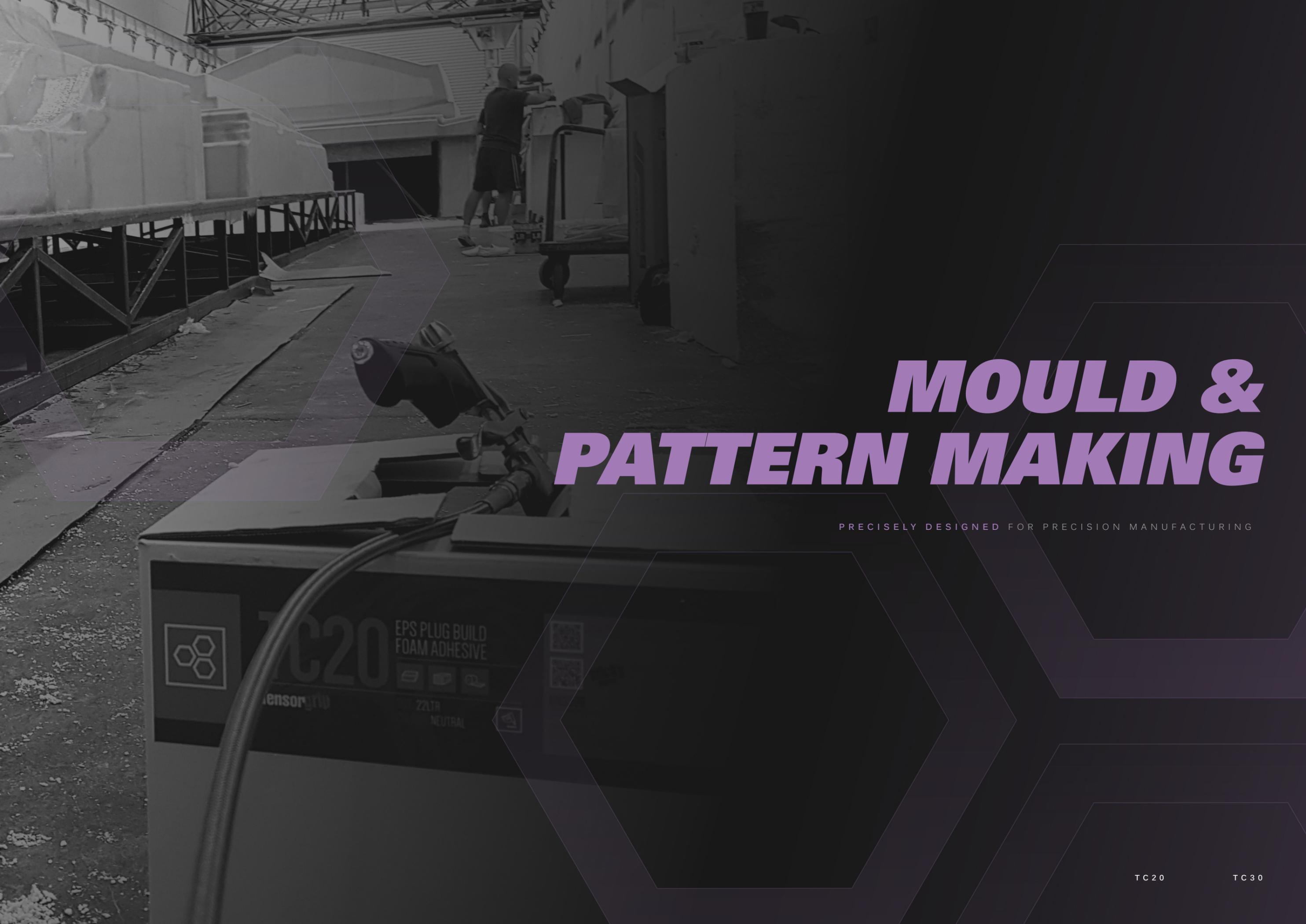


INTERMEDIATE

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

Volume: 110ltr
Size: 380mm x 1258mm
Weight*: Up to 125kg

*please refer to technical data sheet for product specific weight



MOULD & PATTERN MAKING

PRECISELY DESIGNED FOR PRECISION MANUFACTURING

TC20

EPS PLUG BUILD FOAM ADHESIVE



TensorGrip® TC20 is a polyurethane foam adhesive developed to provide an efficient solution for large format EPS block bonding in Mould & Pattern building. TensorGrip® TC20 can be used for both adhesion, gap filling or a combination of both in void areas which require CNC machining. TensorGrip® TC20 is also effective for bonding base layer EPS blocks to Pattern sub frame deck materials such as plywood & OSB.

ADVANTAGES

- Adhesion and gap filling properties.
- Excellent tooling head compatibility.
- Polystyrene and XPS compatible.

TC30

EPS PLUG BUILD CONTACT ADHESIVE



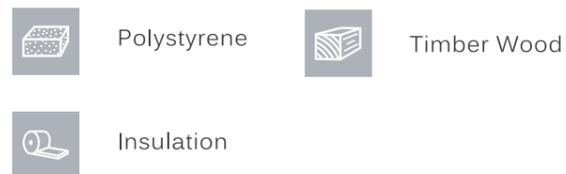
TensorGrip® TC30 is a high strength EPS & XPS compatible web spray adhesive. The fast flash off solvent system and high tack makes this product the perfect partner when bonding new large format EPS blocks together for Mould and Pattern building where full surface contact is possible. Where a mix of smooth and rough surface EPS is being used, we recommend using TC30 in conjunction with TC20 PU Foam Adhesive for gap filling properties.

ADVANTAGES

- Fast high tack.
- High solids.
- Polystyrene and EPS compatible.

TECHNICAL DATA

SUITABLE FOR



COVERAGE

	500ml ♂	22ltr ♂
Single-sided	N/A	350m ²
Double-sided	N/A	N/A

*Depending on ambient temperature

APPLICATION



COLOUR

Green ●

ADHESIVE TYPE

PU

GUN TYPE



HOSE TYPE



SPRAY TYPE



TECHNICAL DATA

SUITABLE FOR

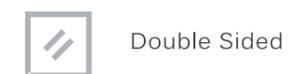


COVERAGE

	500ml ♂	22ltr ♂
Single-sided	N/A	70m ²
Double-sided	N/A	N/A

*Depending on ambient temperature

APPLICATION



OPEN TIME**



FLASH OFF TIME***



COLOUR

Green ●

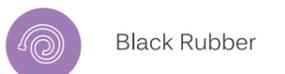
ADHESIVE TYPE

SBR

GUN TYPE



HOSE TYPE



VALVE



SPRAY TYPE





INFUSION & RTM

PRECISELY DESIGNED FOR PRECISION MANUFACTURING

TC42

TC43

TC48

TC49

TC52

TC53

TC59

TC42

SUPER HS INFUSION RTM ADHESIVE

TensorGrip® TC42 is designed to hold glass fibre mat in place during Infusion or RTM lay up process of the resin without affecting the surface finish or structural integrity thanks to its superior compatibility with polyester, styrene and vinyl ester resins. This adhesive has also been successfully tested with epoxy resins using less than 9 grams of adhesive/m². The unique Lace small pattern gives efficient yield due to great strength from minimal coat weight.

ADVANTAGES

- Unique Lace Mist Spray Pattern.
- Superior Resin compatability.
- Epoxy Compatable.
- High Tack & Repositionable bond.



TC43

SUPERWEB INFUSION SPRAY ADHESIVE

TensorGrip® TC43 is a super high tack spray adhesive suitable for a variety of Infusion & RTM dry lay up applications. The web spray pattern provides excellent performance and compatibility for core foam materials due to low soak in. TensorGrip® TC43 is also well suited to heavy mat lay up applications in detail & demanding areas where high strength is critical.

ADVANTAGES

- Super high tack.
- Low soak in for core foam compatibility.
- Single sided application.



TECHNICAL DATA

SUITABLE FOR



COVERAGE

	500ml ♂	22ltr ♂
Single-sided	8m ²	440m ²
Double-sided	N/A	N/A

*Depending on ambient temperature

APPLICATION



OPEN TIME**



FLASH OFF TIME***



COLOUR

Clear ○
Green ●

ADHESIVE TYPE

SBR

GUN TYPE



HOSE TYPE



VALVE



SPRAY TYPE



TECHNICAL DATA

SUITABLE FOR



COVERAGE

	500ml ♂	22ltr ♂
Single-sided	13m ²	540m ²
Double-sided	N/A	N/A

*Depending on ambient temperature

APPLICATION



OPEN TIME**



FLASH OFF TIME***



COLOUR

Clear ○

ADHESIVE TYPE

SBR

GUN TYPE



HOSE TYPE



VALVE



SPRAY TYPE



TC48

SUPER FINE MIST
INFUSION ADHESIVE

TensorGrip® TC48 is a super fine mist spray adhesive designed for Infusion moulding & RTM applications. TensorGrip® TC48 is specifically designed to hold reinforcing fibres in place without affecting the surface finish or structural integrity. TensorGrip® TC48 is compatible with polyester, styrene and vinyl ester resins.

ADVANTAGES

- Fine mist spray
- High tack
- Repositionable



TC49

INFUSION MOULDING HIGH-TAC
ADHESIVE FINE MIST SPRAY

TensorGrip® TC49 is a spray adhesive designed for the infusion mould market. With an immediate tack to hold the reinforcing fibres, you will also achieve a great surface finish with carbon fibre applications thanks to its fine mist spray properties. TensorGrip® TC49 is compatible with polyester, styrene and vinyl ester resins and has been successfully tested with epoxy resins using less than 9 grams of adhesive per sqm. The short open time makes TensorGrip® TC49 ideal for small area applications.

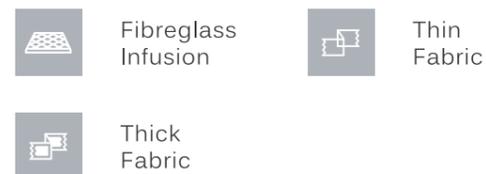
ADVANTAGES

- Extra Fine Mist Spray.
- Safely Fuses Laminating Materials To Structural Core Surfaces.
- Great Surface Finish Results.
- Superior Holding During Forming Process.



TECHNICAL DATA

SUITABLE FOR



COVERAGE

500ml ♂

Single-sided	8m ²
Double-sided	N/A

*Depending on ambient temperature

APPLICATION



OPEN TIME**



FLASH OFF TIME***



COLOUR

Clear ○

ADHESIVE TYPE

SBR

GUN TYPE



HOSE TYPE



VALVE



SPRAY TYPE



TECHNICAL DATA

SUITABLE FOR



COVERAGE

500ml ♂ 22ltr ♂

Single-sided	4m ²	440m ²
Double-sided	N/A	N/A

*Depending on ambient temperature

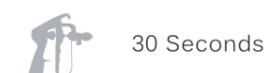
APPLICATION



OPEN TIME**



FLASH OFF TIME***



COLOUR

Clear ○
Green ●

GUN TYPE



HOSE TYPE



VALVE



SPRAY TYPE





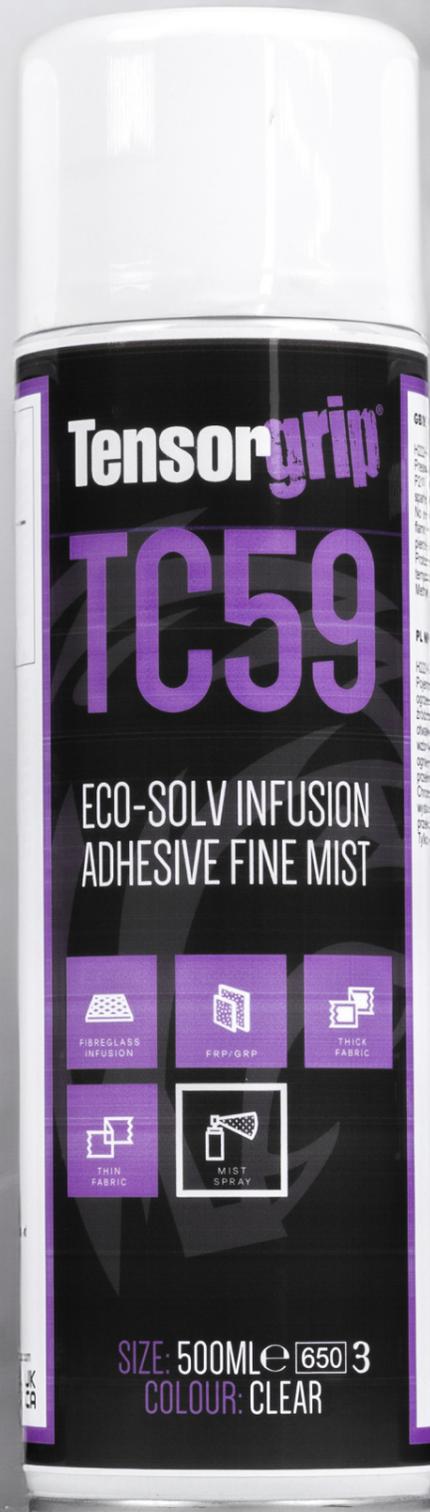
ECOSOLV™

SMARTER SOLVENT TECHNOLOGY

EcoSolv™ represents a new generation of low-hazard solvent technology developed specifically for the TensorGrip TC composites range. Unlike traditional adhesive formulations that rely on legacy hydrocarbon solvent blends — often containing substances such as n-hexane, now listed as a Substance of Very High Concern (SVHC) — EcoSolv™ products are completely SVHC-free. They are also non-chlorinated, eliminating the need for dichloromethane (DCM) and other heavily regulated solvents increasingly restricted due to their health and environmental impact.

At the heart of EcoSolv™ is advanced methylal-based technology — a fast-flashing organic solvent system that delivers equal or superior performance compared to conventional solvent adhesives. Users benefit from rapid evaporation, quick tack build-up, and faster bonding cycles, improving productivity without compromise. This is solvent innovation designed not only for compliance, but for performance.

Crucially, EcoSolv™ significantly reduces hazard classification compared to standard solvent systems. With minimal hazard labelling and simplified H and P statements on safety data sheets, EcoSolv products help organisations lower workplace exposure risk, support health and safety objectives, and simplify compliance management — particularly across large teams and multi-site operations. EcoSolv is a measurable step forward in safer, high-performance adhesive technology.



TC52



ECO-SOLV HIGH STRENGTH INFUSION & RTM ADHESIVE

TensorGrip® TC52 Eco-Solv is specifically formulated to securely hold glass fibre mat in position during Infusion and RTM lay-up processes without compromising surface finish or structural integrity. It delivers superior compatibility with polyester, styrene, and vinyl ester resins, and has also been successfully validated with epoxy resins when applied at coat weights below 9 g/m². The unique lace spray pattern provides exceptional bond strength with minimal adhesive usage, ensuring efficient yield and reduced material consumption. This next-generation formulation features our advanced **Eco-Solv™ technology**, utilising a lower-hazard solvent system that is SVHC-free, supporting improved workplace safety and environmental responsibility while maintaining the same proven performance expected of TensorGrip® TC products.

ADVANTAGES

- ECO-SOLV™ SVHC free formulation.
- Superior Resin compatibility
- Epoxy Compatible
- High Tack & Repositionable bond.



TC53



ECO-SOLV SUPERWEB INFUSION ADHESIVE

TensorGrip® TC53 Eco-Solv is a super high-tack web spray adhesive developed for a wide range of Infusion and RTM dry lay-up applications. It delivers outstanding initial grab and bond strength, making it ideal for demanding composite processes. The controlled web spray pattern ensures excellent performance and compatibility with core foam materials by minimising resin soak-in. **TC53** is also particularly well suited to heavy mat lay-up applications and complex or detailed areas where maximum strength and secure positioning are critical. This next-generation formulation incorporates advanced **Eco-Solv™ technology**, utilising a lower-hazard, new-generation solvent system that is SVHC-free. It supports improved operator safety and environmental responsibility while maintaining the proven high-performance characteristics expected from the TensorGrip® range.

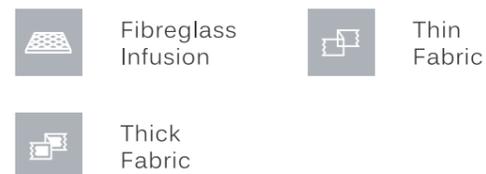
ADVANTAGES

- ECO-SOLV™ SVHC free formulation.
- Super high tack.
- Low soak in for core foam compatibility.
- Single sided application.



TECHNICAL DATA

SUITABLE FOR



COVERAGE

500ml Ⓐ

Single-sided	8m ²
Double-sided	N/A

**Depending on ambient temperature*

APPLICATION



OPEN TIME**



FLASH OFF TIME***



COLOUR

Clear
Green

ADHESIVE TYPE

SBR

GUN TYPE



HOSE TYPE



VALVE

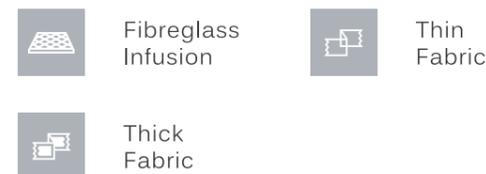


SPRAY TYPE



TECHNICAL DATA

SUITABLE FOR



COVERAGE

500ml Ⓐ

Single-sided	13m ²
Double-sided	N/A

**Depending on ambient temperature*

APPLICATION



OPEN TIME**



FLASH OFF TIME***



COLOUR

Clear

ADHESIVE TYPE

SBR

GUN TYPE



HOSE TYPE



VALVE



SPRAY TYPE



TC59



ECO-SOLV INFUSION ADHESIVE FINE MIST

TensorGrip® TC59 Eco-Solv builds on the proven performance of the long-standing TC49 Infusion / RTM spray adhesive, delivering immediate tack to securely hold reinforcing fibres in place during lay-up. Its fine mist spray pattern ensures excellent fibre control and contributes to a superior surface finish, particularly in carbon fibre applications. TC59 is fully compatible with polyester, styrene, and vinyl ester resins, and has also been successfully tested with epoxy resins at application rates of 9 g/m² or below. The short open time makes TC59 ideal for both demanding applications and smaller, precision lay-ups where speed and accuracy are critical.

This next-generation formulation incorporates advanced Eco-Solv™ technology, utilising a lower-hazard, new-generation solvent system that is SVHC-free. It supports improved workplace safety and environmental responsibility while maintaining the trusted performance characteristics.

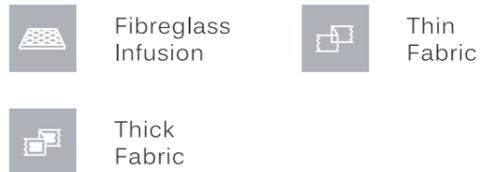
ADVANTAGES

- ECO-SOLV™ SVHC free formulation.
- Fine Mist Spray Pattern.
- Epoxy Resin Compatability.
- Excellent for carbon clear coat aesthetics.



TECHNICAL DATA

SUITABLE FOR



COVERAGE

500ml

Single-sided	8m ²
Double-sided	N/A

*Depending on ambient temperature

APPLICATION



OPEN TIME**



FLASH OFF TIME***



COLOUR

Clear

ADHESIVE TYPE

SBR

GUN TYPE



HOSE TYPE



VALVE



SPRAY TYPE



PRODUCT MATRIX

COMPOSITE RANGE

	Aerosol (500ml)	Canister (22ltr)	Gun	Hose	Nozzle	Cleaner	Styrene Ester	Vinylester	Polyester	Epoxy	Phenolic	Peel Ply	Flow Media	Light weight Glass Mat	Med Weight Glass Mat	Heavy Weight Glass Mat	Mould/Pattern frame/deck bonding	Polystyrene to Polystyrene	Polystyrene to Plywood	PU Foam Core	PET Foam Core	Balsa Wood Core	
TC20		●	◆	○	⬡	S												●	●	●			
TC30	●	●	◆	○	⬡	C/S												●	●	●			
TC42	●	●	◆	○	⬡	C/S	●	●	●	●	●	●	●	●	●	●	●				●	●	●
TC43	●	●	◆	○	⬡	C/S	●	●	●				●				●				●	●	●
TC48	●					C/S	●	●	●			●		●	●	●							
TC49	●	●	◆	○	⬡	C	●	●	●	●	●	●	●	●	●	●	●						
TC52	●					C	●	●	●			●	●	●	●	●	●				●	●	●
TC53	●					C	●	●	●				●			●					●	●	●
TC59	●					C	●	●	●	●	●	●	●	●	●	●	●						

GUNS ◆ - Professional Gun
◆ - Wand Gun

HOSES ○ - Black Rubber Hose
⊗ - Stainless Steel Hose
Ⓜ - HT Hose

CLEANERS C - TensorGrip® C101
S - TensorGrip® S105

NOZZLES - Lechler
⊗ - 4001
⬡ - 6501
⬢ - 8002
⬠ - 9501
⬡ - 650067



QUIN GLOBAL **KICKOFF** KIT



Inside this box lies the key to reaching the optimum potential of our **TensorGrip®**, **QDEK®**, **Gekko®** and **Flexi Spray®** ranges, bringing your work to new heights of quality and performance while incurring absolutely no additional cost to your first canister purchase*.

We are proud to introduce the **Quin Global Kick-Off Kit**.

This unique package comes with all the essential tools for bonding, including a Professional Spray Gun, Hose, Gun Tip, Roller and a Quin-branded Ball. Everything to ensure that you are getting the very best out of our adhesive systems

Each Kick Off Kit contains*:



Spray Gun



Hose



Gun Tip



Roller



Quin Football

*Terms and conditions apply.
**other accessories such as gun tips, rollers, wrenches & wire brushes are included in some, but not all, kits depending on the adhesive selected.



Unit 1, Ruthvenfield Avenue
Inveralmond Industrial Estate
Perth, United Kingdom
PH1 3WB

www.tensorglobal.com
www.quinglobal.com
sales.uk@quinglobal.com
+44 (0) 1738 494919

@QUINGLOBALUK



CONTACT US



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