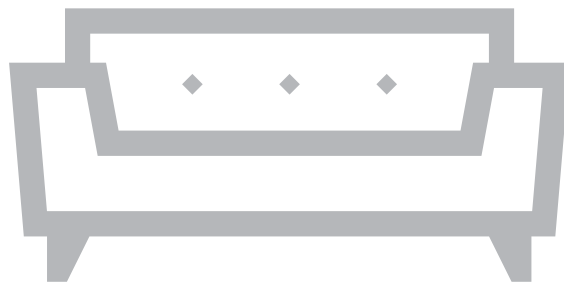


F O A M & U P H O L S T E R Y
P R O D U C T R A N G E





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DISCLAIMER

Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

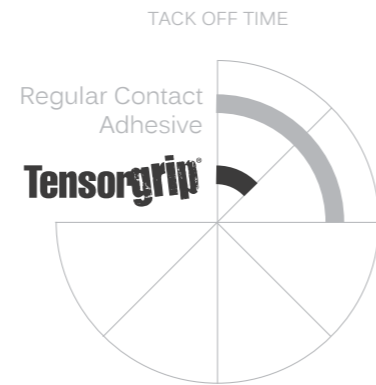
WHAT IS TENSORGRIP®?

TensorGrip is:

FAST PRODUCTION

TensorGrip adhesives are packaged in canisters to harness the power of leading edge technology. This combined with fast acting, high grade adhesives can speed your production up in four ways:

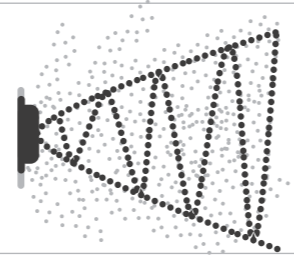
1. Fast tack. Each adhesive is tack ready in 5-120 seconds.
2. High green strength. Bond strength can be noticed immediately.
3. No extra equipment. No air compressors, 20L drums or pot guns are required.
4. Minimal clean up and maintenance.



A HEALTHIER WORKPLACE

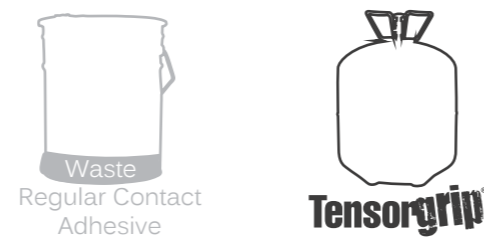
TensorGrip delivers 100% transfer. Because the system uses aerosol technology, all of the adhesive you spray reaches the substrate.

TensorGrip has a low solvent content. once applied to your substrate, it evaporates immediately.



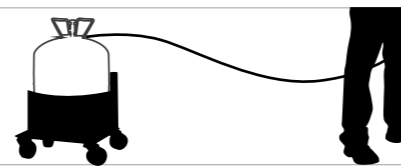
BOOSTED PROFITABILITY

100% of the adhesive in a canister is used. There is no waste with TensorGrip.



EASY TO USE

TensorGrip has easily adjustable spray patterns to suit any application. It is portable for onsite jobs, fast to apply and easy to clean.



FREE SETUP

TensorGrip adhesives save you the hassle and expense of setup costs when you change your adhesive system.

Every first time purchase of a TensorGrip Canister comes with a free kick off kit that contains everything you need to get started using your adhesive right away.

The Kick off kit contains a gun and hose to connect to your canister, along with an adjustable spanner, laminate roller and spray manual so you can get the best performance from your TensorGrip adhesive.



CHOOSING THE RIGHT ADHESIVE

STEP 1

SELECT YOUR INDUSTRY



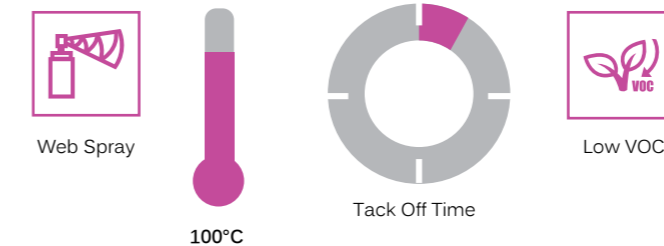
STEP 2

LOOK FOR YOUR SUBSTRATES IN THE SUBSTRATES LIST



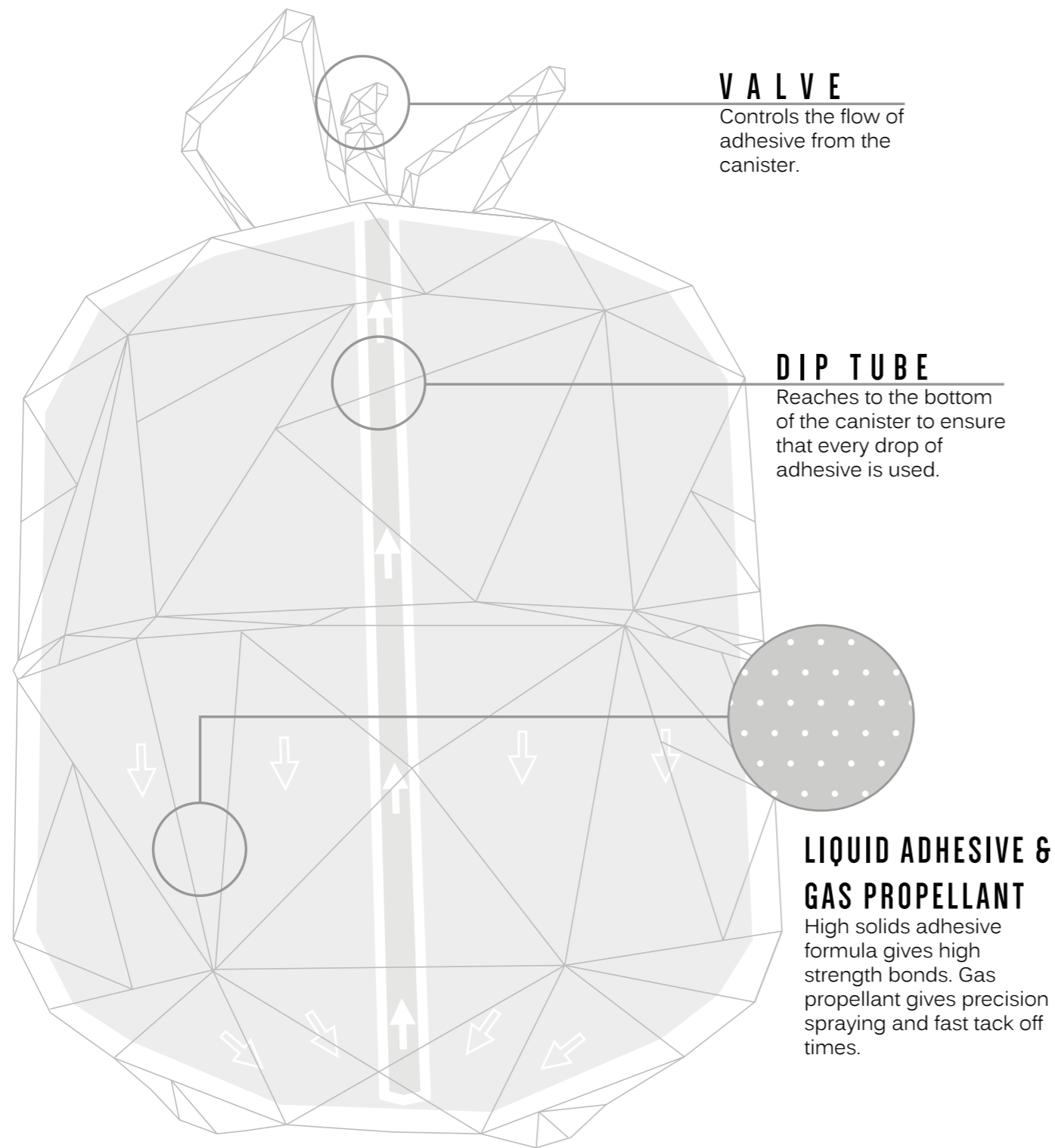
STEP 3

CHECK FOR YOUR APPLICATION OR SIMILAR IN THE KEY APPLICATIONS AND FOR THE RIGHT PROPERTIES FOR YOUR JOB IN THE ADHESIVE DETAILS.

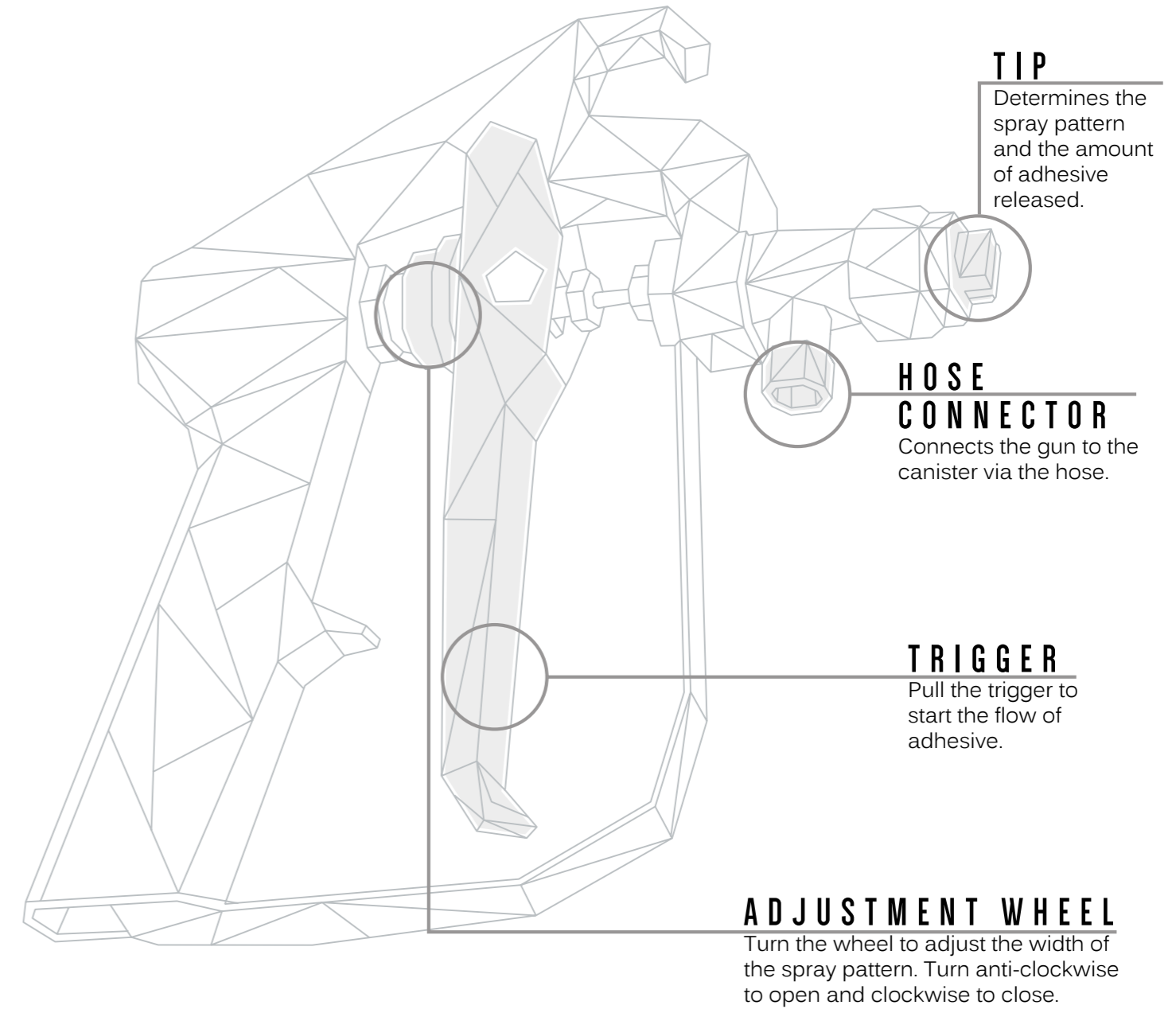


The product Matrix at the back of this brochure gives you a good overview of the jobs that each adhesive can perform.

THE CANISTER



THE GUN



Foam & Fabric ADHESIVES



F 20

F 30 N

F 31

F 40

F20 QUICK-DRY

FOAM & UPHOLSTERY SPRAY ADHESIVE

TENSORGRIP® F20

has been developed to provide very fast tack times for all upholstery, foam and carpet contact bonding situations. Its high solids and pressure sensitive adhesive technology, makes this product highly suited for all types of production processes.

F20 is designed to give a long open time and high tack level with good strength for general bond applications. (Not recommended for decorative high pressure laminate or applications subjected to high temperatures).



TECH DATA

SUBSTRATES



Foam



Fabric



Thick Fabric

ADVANTAGES

Fast Tack
Soft Bond Line
Long Open Time
Low Odour
Low VOC
Toluene Free

TEMPERATURE RATING



85°C

KEY APPLICATIONS

- Bonding Open/Closed Cell Foam
- Bonding Gell Foam
- Bonding Latex Foam
- Bonding Polyurethane (PU) Foam
- Bonding EVA Foam
- Bonding Felt Rug Backings

NOT SUITABLE FOR: Polystyrene, Plasticised Vinyl

PROPERTIES



Web Spray



Low VOC

COVERAGE



Aerosol
500 MI
7M²



Canister
22 Ltr
230M²



Jumbo
220 Ltr
2,300M²

TECH DATA

COLOUR

○ Clear

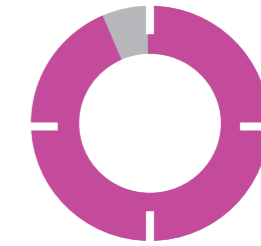
● Green

TACK OFF TIME



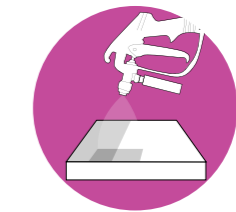
1-2 Minutes

OPEN TIME



1 Hour

ADHESIVE APPLICATION



Apply adhesive to both surfaces to be bonded.

TOOLS



Black Rubber
Hose



Professional Spray
Gun with 6501 Tip

CLEANER



Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

F30N NON-FLAM PRESSURE SENSITIVE

FOAM & UPHOLSTERY SPRAY ADHESIVE

TENSORGRIP® F30N

has been developed as a Non-Flam option to provide very fast tack times for all upholstery, foam and carpet contact bonding situations. Its high solids and pressure sensitive adhesive technology, makes this product highly suited for all types of production processes.

F30N has a long open time and high tack level with good strength for general bond applications. (Not recommended for decorative high pressure laminate or applications subjected to high temperatures).



TECH DATA

SUBSTRATES



Foam



Fabric



Plywood

ADVANTAGES

Permanently Tacky
Soft Bond Line
Low Odour
Non-Flam
Toluene Free

TEMPERATURE RATING



85°C

KEY APPLICATIONS

- Bonding Open/Closed Cell Foam
- Bonding Gell Foam
- Bonding Latex Foam
- Bonding Polyurethane (PU) Foam
- Bonding EVA Foam
- Bonding Felt Rug Backings

NOT SUITABLE FOR: Polystyrene,
Plasticised Vinyl

PROPERTIES



Web Spray



ZERO-FLAM
TECHNOLOGY.

COVERAGE



Canister
22 Ltr
230M²



Jumbo
220 Ltr
2,300M²

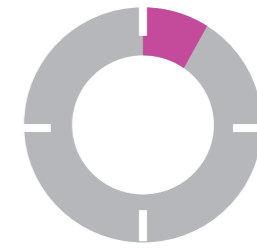
TECH DATA

COLOUR

Clear

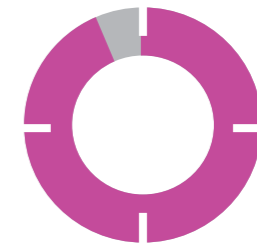
Green

TACK OFF TIME



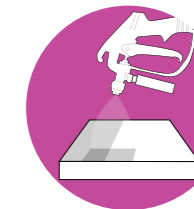
1-2 Minutes

OPEN TIME



1 Hour

ADHESIVE APPLICATION



Apply adhesive to both
surfaces to be bonded.

TOOLS



Steel Braided
Hose



Professional Spray
Gun with Lechler Tip

CLEANER



Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

F31 HIGH TEMPERATURE

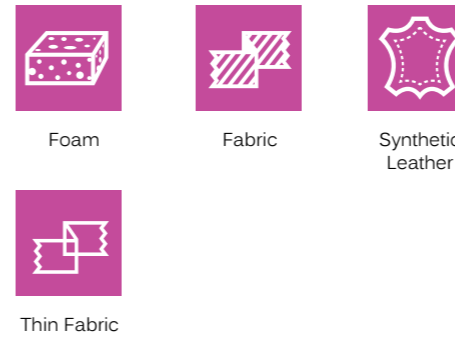
FOAM & UPHOLSTERY SPRAY ADHESIVE

TENSORGRIP® F31 is a high performance spray adhesive developed for demanding foam, fabric, leather and upholstery applications. Its tough curing properties and high temperature resistance gives ultra-strong bond adhesion when working in high demand, bespoke upholstery applications, ensuring longevity and excellent, integral bond results.



TECH DATA

SUBSTRATES



ADVANTAGES

- Fast Tack
- Soft Bond Line
- Low Odour
- Low VOC
- No Bleed-Through on Thin Fabrics
- Toluene Free

TEMPERATURE RATING



100°C

KEY APPLICATIONS

- Bonding Open/Closed Cell Foam
- Bonding Gell Foam
- Bonding Latex Foam
- Bonding Polyurethane (PU) Foam
- Bonding EVA Foam

NOT SUITABLE FOR: Polystyrene, Plasticised Vinyl

PROPERTIES



COVERAGE

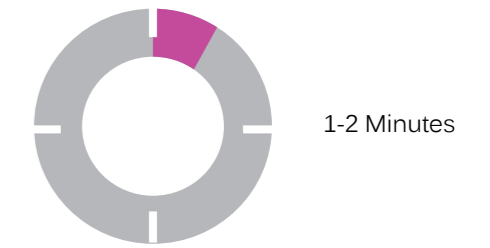


TECH DATA

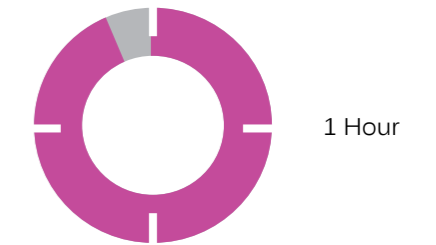
COLOUR



TACK OFF TIME



OPEN TIME



ADHESIVE APPLICATION



TOOLS



CLEANER



Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

F40 AGGRESSIVE TACK

FOAM & UPHOLSTERY SPRAY ADHESIVE

NO MECL

TENSORGRIP® F40

is a highly aggressive adhesive for all demanding foam, fabric upholstery and carpet applications.

Tensorgrip® F40 is a non-chlorinated high solids synthetic rubber spray grade multipurpose adhesive in canisters.

Tensorgrip® F40 is designed for versatility with a long open time and high tack level with excellent strength for bonding a wide variety of substrates including foam, fabrics, upholstery, plywood, MDF and many other materials.



TECH DATA

SUBSTRATES



Foam



Thin Fabric



Thick Fabric



Polystyrene

ADVANTAGES

High Initial Strength
 Permanently Tacky
 HAPS Free
 Soft Bond Line
 Low Odour
 Low VOC
 No Bleed-Through on Thin Fabrics
 Toluene Free

TEMPERATURE RATING



90°C

KEY APPLICATIONS

- Bonding Polystyrene
- Bonding Open/Closed Cell Foam
- Bonding Gell Foam
- Bonding Latex Foam
- Bonding Polyurethane (PU) Foam
- Bonding EVA Foam

NOT SUITABLE FOR: Plasticised Vinyl

PROPERTIES



Web Spray



Low VOC



Non Chlorinated

COVERAGE



Aerosol
500 MI
7M²



Canister
22 Ltr
230M²



Jumbo
220 Ltr
2,300M²

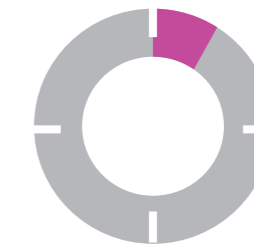
TECH DATA

COLOUR

○ Clear

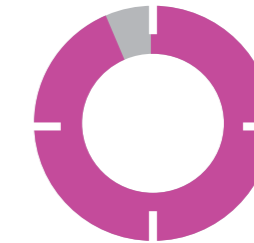
● Green

TACK OFF TIME



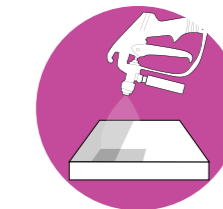
1-2 Minutes

OPEN TIME



1 Hour

ADHESIVE APPLICATION



Apply adhesive to both surfaces to be bonded unless otherwise specified.

*This product is suited for single-sided bonding on insulation, fabrics, some foams and cork.

TOOLS



Black Rubber Hose



Professional Spray Gun with 6501 Tip

CLEANER



Tensorgrip
C101

Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

Specialty ADHESIVES



F 10

F 43

F 50

X 40

X 41

F10 PLASTICISER RESISTANT

HIGH TEMP SPRAY ADHESIVE

TENSORGRIP® F10

is a revolutionary, polyurethane based, high performance, plasticiser resistant adhesive, specially formulated to bond all commonly used substrates found within the foam and upholstery industry. The TensorGrip® F10 will bond vinyl, rubber, leathers and plastics. In the past this was problematic because of the plasticisers migrating from the vinyls, causing the adhesive to break down, resulting in delamination.



TECH DATA

SUBSTRATES



Vinyl



Thin Fabric



Synthetic Leather



Rubber

ADVANTAGES

Fast Tack
High Heat Resistance
Low Odour
Plasticiser Resistant
Toluene Free

TEMPERATURE RATING



155°C

KEY APPLICATIONS

- Bonding Vinyl to Foam
- Bonding Rubber to Foam
- Bonding Foam to Plastic

NOT SUITABLE FOR: Polystyrene

PROPERTIES



Web Spray



Liquid Resistant

COVERAGE



Canister
22 Ltr
230M²

TECH DATA

COLOUR

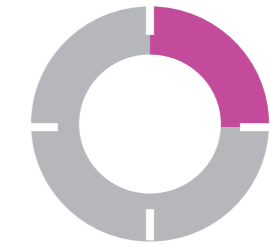
Clear

TACK OFF TIME



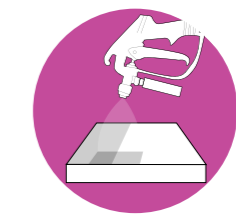
1-2 Minutes

OPEN TIME



10-15 Minutes

ADHESIVE APPLICATION



Apply adhesive to both surfaces to be bonded.

TOOLS



Black Rubber Hose



Professional Spray Gun with 8002 Tip

CLEANER



Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

F43 SINGLE SIDED WEBBING & MATTRESS SPRAY ADHESIVE

TENSORGRIP® F43 is a fast tack solution for single-sided webbing applications. It is suited for single-sided bonding on light-weight webbing when bonding to foam.

F43 is also pressure sensitive, which makes it ideal for manufacturing mattresses.



TECH DATA

SUBSTRATES



Foam



Fabric

ADVANTAGES

Fast Tack
Soft Bond Line
High Initial Strength
Low Odour
Low VOC
Toluene Free

TEMPERATURE RATING



80°C

KEY APPLICATIONS

- Bonding Webbing to Foam

NOT SUITABLE FOR: Polystyrene, Plasticised Vinyl

PROPERTIES



Web Spray



Low VOC

COVERAGE



Aerosol
500 ML
7M²



Canister
22 Ltr
230M²



Jumbo
220 Ltr
2,300M²

TECH DATA

COLOUR

Clear

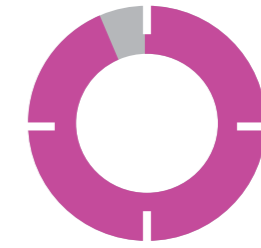
Green

TACK OFF TIME



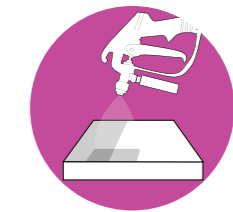
1-2 Minutes

OPEN TIME



1 Hour

ADHESIVE APPLICATION



Apply adhesive to one surfaces to be bonded.

TOOLS



Black Rubber
Hose



Professional Spray
Gun with 6501 Tip

CLEANER



Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

F50 RUBBER

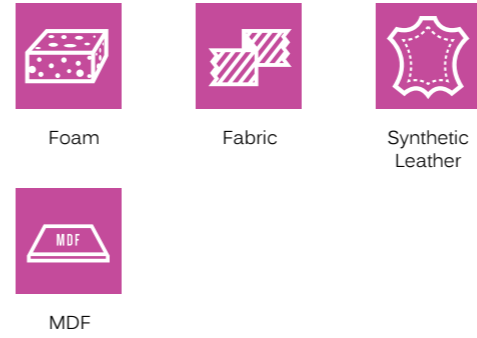
FOAM & UPHOLSTERY SPRAY ADHESIVE

TENSORGRIP® F50 is a high solids contact adhesive that effectively bonds a vast range of substrates while maintaining compliance with stringent California VOC requirements (SCAQMD Rule 1168).



TECH DATA

SUBSTRATES



ADVANTAGES

Fast Tack
Soft Bond Line
High Temperature Resistance
Low Odour
Low VOC
Toluene Free

TEMPERATURE RATING



KEY APPLICATIONS

- Bonding Rubber & Acrylic
- Bonding Open/Closed Cell Foam
- Bonding Gell Foam
- Bonding Latex Foam
- Bonding Polyurethane (PU) Foam
- Bonding EVA Foam
- Bonding Felt Rug Backings

NOT SUITABLE FOR: Polystyrene, Plasticised Vinyl

PROPERTIES



COVERAGE

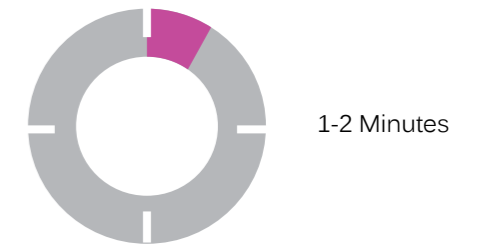


TECH DATA

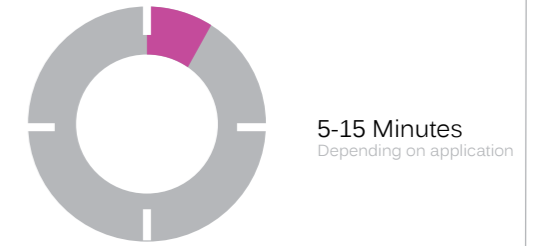
COLOUR



TACK OFF TIME



OPEN TIME



ADHESIVE APPLICATION



TOOLS



CLEANER



Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

X40 ACOUSTIC PANEL SPRAY ADHESIVE

TENSORGRIP® X40

has been developed in conjunction with the acoustic industry for all acoustic panel bonding applications. TensorGrip® X40 is a fast drying contact adhesive, suitable for all types of acoustic panel installation and applications including in-house and on-site bonding processes. TensorGrip® X40 is also good for bendy ply.



TECH DATA

SUBSTRATES



Insulation



MDF



Drywall



Concrete



Brick

ADVANTAGES

Fast Tack
Good Heat Resistance
Low Odour
Low VOC
High Initial Strength
Soft Bond Line
Toluene Free

TEMPERATURE RATING



85°C

KEY APPLICATIONS

- Acoustic Wall Linings
- Acoustic Ceiling Applications (When used in conjunction with TensorBond ACA)
- Acoustic Build-ups

NOT SUITABLE FOR: Polystyrene, metal, rubber, vinyl.

PROPERTIES



Web Spray



Low VOC

COLOUR



Clear



Green

TECH DATA

COVERAGE



Aerosol
500 ml
7M²



Canister
22 Ltr
230M²

TACK OFF TIME



1-2 Minutes

OPEN TIME



30 Minutes

ADHESIVE APPLICATION



Apply adhesive to both surfaces to be bonded.

TOOLS



Black Rubber
Hose



Professional Spray
Gun with 8002 Tip

CLEANER



Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

X41 ACOUSTIC PANEL SPRAY ADHESIVE

NO MECL

TENSORGRIP® X41

was formulated to provide a non-chlorinated adhesive for high-strength applications in the acoustic lining industry. X41 has extreme tack performance, a long open time and highly controllable spray pattern enabling fast acoustic panel installations with the advantage of low adhesive odour.



TECH DATA

SUBSTRATES



Insulation



MDF



Drywall



Concrete



Brick



Polystyrene



Thin Fabric

ADVANTAGES

Non Chlorinated
High Initial Strength
Fast Tack
Low Odour
Low VOC
Polystyrene Safe
No Bleed-Through on Thin Fabrics
Toluene Free

TEMPERATURE RATING



100°C

KEY APPLICATIONS

- Acoustic Wall Linings
- Acoustic Ceiling Applications (When used in conjunction with TensorBond ACA)
- Acoustic Build-ups
- Thin Fabrics Overlays

Not recommended for use with plasticised vinyl substrates.

PROPERTIES



Web Spray



Non Chlorinated



Low VOC

COLOUR

○ Clear

● Green

TECH DATA

COVERAGE



Aerosol
500 ml
7M²



Canister
22 Ltr
230M²

TACK OFF TIME



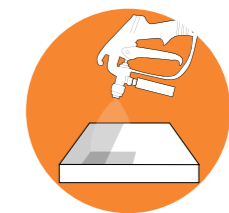
5 Minutes

OPEN TIME



1 Hour

ADHESIVE APPLICATION



Apply adhesive to both surfaces to be bonded.

TOOLS



Black Rubber Hose



Professional Spray Gun with 11002 Tip

CLEANER



Open times and dry times may vary depending on weather conditions and humidity. Consult TDS for more information.

PRODUCT MATRIX

	Open/Closed Cell Foam to Foam	Gel Foam to Foam	Latex Foam to Foam	PU Foam to Foam	EVA Foam to Foam	Single Sided Webbing	Fabric to Foam	Synthetic Leather to Foam	Vinyl to Foam	Rubber to Foam	Acrylic to Foam	Felt to Foam	Polystyrene To Foam	Open/Closed Cell Foam to Timber	Bull Nosing	Gel Foam to Timber	Latex Foam to Timber	PU Foam to Timber	EVA Foam to Timber	Fabric to Timber	Synthetic Leather to Timber	Vinyl to Timber	Acrylic to Timber	Felt to Timber	Polystyrene to Polystyrene	Polystyrene To Timber
F10							•	•	•	•												•				
F20	•	•	•	•	•		•					•		•	•		•	•	•	•	•			•		
F30N	•	•	•	•	•		•					•		•	•	•	•			•				•		
F3I	•	•	•	•	•		•	•				•			•											
F40	•	•	•	•	•	•	•			•		•	•	•	•		•	•	•	•				•	•	•
F43						•																				
F45	•	•	•	•	•		•																			
F50	•	•	•	•	•		•	•		•	•				•								•			



HOW2 TUTORIAL SERIES

WATCH OUR ADHESIVE EXPERTS DEMONSTRATE STEP-BY-STEP HOW TO USE TENSORGRIP® ADHESIVES IN OUR ONLINE TUTORIAL SERIES!



HOW TO SPRAY TENSORGRIP®

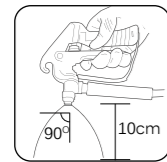
Correct Application of TensorGrip® Spray adhesive products is essential for a successful life long bond. Unless otherwise directed, spray both surfaces to be bonded.

Make sure that the surfaces are clean, dry and free from dirt, dust, oil, loose paint, wax or grease, etc. For best results, the temperature of the adhesive and the surfaces being bonded should be between 16 °C - 27 °C. Ensure there is adequate ventilation in your workspace.

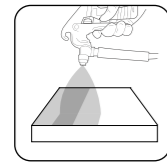
When possible we recommend shaking the canister well before using. Attach and secure hose tightly onto the spray gun with required tip. Attach the other end of the hose onto the canister. Make sure the hose-valve connections are secured tightly. Open the valve on the canister slowly and fully, check for leaks during this process. Unlock the trigger on the spray gun to start spraying.



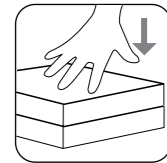
Prior to use, check compatibility by spraying a small test patch of the adhesive on the substrate. If the spray tip clogs, unscrew the spray tip from the gun and clean with the recommended cleaner (or similar). **DO NOT** use a pin on the spray tip orifice.



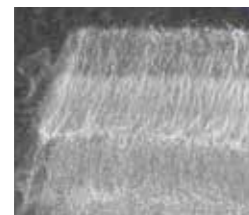
Hold gun 10cm from surface at a 90° angle.



Spray evenly on surface with a 50% overlap for full coverage. Leave surfaces for 1-2 minutes, or until dry to touch.



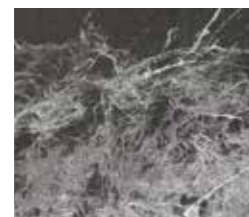
Place surfaces together and apply even pressure to solidify bond. A roller can be used where appropriate to ensure even pressure across the entire bond surface.



You Should be able to clearly see the web pattern of the adhesive on the surface of your substrate.



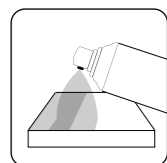
If you can see air bubbles or buildup of adhesive in your spray pattern, then you are either spraying too close to the surface of the substrate or moving your gun too slowly.



If the spray pattern on your substrate looks wispy, then you are spraying from too far away. Move your gun a little closer to the substrate.



If your spray pattern is thin and looks drawn out, then you are spraying too quickly.

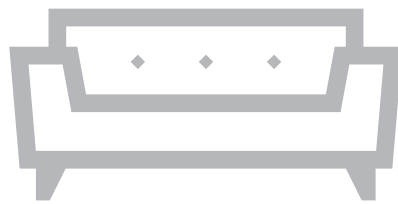


Aerosol cans need to be held at 45 degrees to the substrate when spraying onto a horizontal surface. This will ensure a consistent spray pattern until the can is empty.





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