



Vacuum Bagging

PRO-SET

222-224

PRO-VAC

224-228

ONLINE
ORDERING
**AVAILABLE
NOW!**

Infusion Epoxy

PRO SET 114 INFUSION RESIN



PRO-SET Infusion Epoxies are super low viscosity systems with a range of hardeners to meet the demands of the modern infusion process, resulting in lightweight, high performance composites that will withstand long term cyclic loading in the harshest environment. Choose from the available Infusion hardeners to suit your custom requirements.

Product Codes

PRO SET 114 INFUSION RESIN 5K	WS-PS-INF114-R-5
PRO-SET 114 INFUSION RESIN 25KG (3.65:1)	WS-PS-INF114-R-25
PRO SET 114 INFUSION RESIN 225K (3:1)	WS-PS-INF114-R-225

PRO SET 210 INFUSION FAST HARDENER



PRO-SET Infusion hardeners range from fast to extra slow, and may be blended to provide even greater versatility with your custom processes. PRO-SET 210 is the fast Infusion hardener with a working time of 75-90 minutes at 25°C.

Product Codes

PRO SET 210 INFUSION FAST HARDENER 1.37K	WS-PS-INF210-H-1.37
PRO-SET 210 INFUSION FAST HARDENER 3.43KG	WS-PS-INF210-H-3.43
PRO SET 210 FAST HARDENER 20.55K	WS-PS-INF210-H-20.55

PRO SET 211 INFUSION MEDIUM HARDENER



PRO-SET Infusion hardeners range from fast to extra slow, and may be blended to provide even greater versatility with your custom processes. PRO-SET 211 is the medium Infusion hardener with a working time of 3-4 hours at 25°C.

Product Codes

PRO SET 211 INFUSION MEDIUM HARDENER 1.37K	WS-PS-INF211-H-1.37
PRO SET 211 INFUSION MED HARDENER 3.43KG	WS-PS-INF211-H-3.43
PRO SET 211 MEDIUM HARDENER 20.55K	WS-PS-INF211H-20.55

Laminating Epoxy

PRO-SET 125 LAMINATING RESIN



PRO-SET Laminating Epoxies produce lightweight, high performance composite structures that withstand long-term cyclic loading in the harshest environments. Bonding to wood, metal and all reinforced fabrics. Choose a hardener to suit your custom requirements.

Product Codes

PRO-SET 125 LAMINATING RESIN 5KG (3:1)	WS-PS-LAM125-R-5
PRO-SET 125 LOW VISCOSITY LAMINATING RESIN 25KG	WS-PS-LAM125-R-25
PRO SET 125 LAMINATING RESIN 225K (3:1)	WS-PS-LAM125-R-225

PRO-SET 135 LAMINATING RESIN



PRO-SET Laminating Epoxies produce lightweight, high performance composite structures that withstand long-term cyclic loading in the harshest environments. Bonding to wood, metal and all reinforced fabrics. Choose a hardener to suit your custom requirements.

Product Codes

PRO-SET 135 MEDIUM VISCOSITY LAMINATING RESIN 5KG	WS-PS-LAM135-R-5
PRO-SET 135 LAMINATING RESIN 25KG	WS-PS-LAM135-R-25

PRO-SET 226 LAMINATING MEDIUM HARDENER



PRO-SET Laminating hardeners range from fast to extra slow and may be blended to provide even greater versatility with your custom processes. PRO-SET 224 is the fast laminating hardener with a working time of 40 minutes at 25°C. PRO-SET 226 is the medium laminating hardener with a working time of 2-3 hours at 25°C. PRO-SET 229 is the slow laminating hardener with a working time of 4 - 5 hours at 25°C. PRO-SET 237 is the extra slow laminating hardener with a working time of 7-8 hours at 25°C.

Product Codes

PRO-SET 226 LAMINATING MEDIUM HARDENER 1.43KG (3:1)	WS-PS-LAM226-H-1.43
PRO-SET 226 LAMINATING HARDENER MEDIUM 3.58KG	WS-PS-LAM226-H-3.58
PRO SET 226 LAMINATING HARDENER MEDIUM 21.45KG (3:1)	WS-PS-LAM226-H-21.45

PRO SET 224 LAMINATING FAST HARDENER



PRO-SET Laminating hardeners range from fast to extra slow and may be blended to provide even greater versatility with your custom processes. PRO-SET 224 is the fast laminating hardener with a working time of 40 minutes at 25°C. PRO-SET 226 is the medium laminating hardener with a working time of 2-3 hours at 25°C. PRO-SET 226 is the medium laminating hardener with a working time of 2-3 hours at 25°C. PRO-SET 229 is the slow laminating hardener with a working time of 4 - 5 hours at 25°C. PRO-SET 237 is the extra slow laminating hardener with a working time of 7-8 hours at 25°C.

Product Codes

PRO SET 224 LAMINATING HARDENER FAST 1.43KG (3:1)	WS-PS-LAM224-H-1.43
PRO SET 224 LAMINATING HARDENER FAST 3.58KG (3:1)	WS-PS-LAM224-H-3.58
PRO SET 224 LAMINATING HARDENER FAST 21.45KG (3:1)	WS-PS-LAM224-H-21.45

PRO SET 229 SLOW LAMINATING HARDENER



PRO-SET Laminating hardeners range from fast to extra slow and may be blended to provide even greater versatility with your custom processes. PRO-SET 224 is the fast laminating hardener with a working time of 40 minutes at 25°C. PRO-SET 226 is the medium laminating hardener with a working time of 2-3 hours at 25°C. PRO-SET 226 is the medium laminating hardener with a working time of 2-3 hours at 25°C. PRO-SET 229 is the slow laminating hardener with a working time of 4 - 5 hours at 25°C. PRO-SET 237 is the extra slow laminating hardener with a working time of 7-8 hours at 25°C.

Product Codes

PRO SET 229 LAMINATING HARDENER SLOW 1.43KG (3:1)	WS-PS-LAM229-H-1.43
PRO SET 229 LAMINATING HARDENER SLOW 3.58KG (3:1)	WS-PS-LAM229-H-3.58
PRO SET 229 LAMINATING HARDENER SLOW 21.45KG (3:1)	WS-PS-LAM229-H-21.45
PRO-SET 237 EXTRA SLOW LAMINATING HARDENER 1.43KG	WS-PS-LAM237-H-1.43

Epoxy Adhesive

PRO-SET 170 RESIN



This pre-thickened, 1:1 mix, two part epoxy system is Lloyd's Register of Shipping approved for the bonding of teak planking to glass reinforced polyester decks. Both resin & hardener are thixotropic pastes, resulting in good gap fill and sag resistant properties. Pro-Set 170/270 will also bond a wide variety of other substrates such as concrete, metals, and composites.

Product Codes

PRO-SET 170 RESIN 0.5KG (1:1)	WS-PS170-R-0.5
PRO-SET 170 RESIN 1KG (1:1)	WS-PS170-R-1
PRO-SET 170 RESIN 2.5KG (1:1)	WS-PS170-R-2.5
PRO-SET 170 RESIN 20KG (1:1)	WS-PS170-R-20
PRO-SET 170 RESIN 5KG (1:1)	WS-PS170-R-5

PRO-SET 270 HARDENER



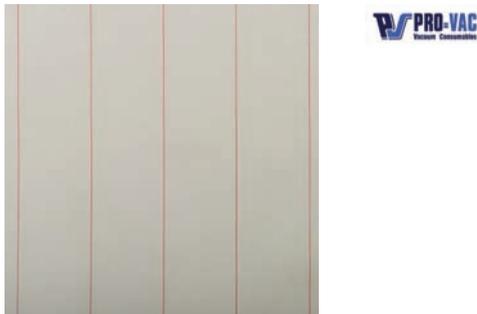
This pre-thickened, 1:1 mix, two part epoxy system is Lloyd's Register of Shipping approved for the bonding of teak planking to glass reinforced polyester decks. Both resin & hardener are thixotropic pastes, resulting in good gap fill and sag resistant properties. Pro-Set 170/270 will also bond a wide variety of other substrates such as concrete, metals, and composites.

Product Codes

PRO-SET 270 HARDENER 0.5KG (1:1)	WS-PS270-H-0.5
PRO-SET 270 HARDENER 1KG (1:1)	WS-PS270-H-1
PRO-SET 270 HARDENER 2.5KG (1:1)	WS-PS270-H-2.5
PRO-SET 270 HARDENER 20KG (1:1)	WS-PS270-H-20
PRO-SET 270 HARDENER 5KG (1:1)	WS-PS270-H-5

Peel Ply

PRO-VAC PEEL PLY (CUT LENGTHS)



Peel Ply is now available in cut metre lengths! Peel Ply is a finely woven nylon fabric with an added release agent to which epoxy cannot bond. Apply Peel Ply to the surface of the wet epoxy and allow to cure. After the epoxy has set simply peel off the Peel Ply, which in turn will remove any surface Amine Blush, and you will be left with a woven impression resulting in no-need for washing and abrading between coats.

Product Codes

PRO-VAC NYLON PEEL PLY 85GSM 1000mm	PV-N85-M
X 1M (CUT LENGTHS)	

PRO-VAC PEEL PLY



Peel Ply is a finely woven nylon or polyester fabric with an added release agent to which epoxy cannot bond. Apply Peel Ply to the surface of the wet epoxy and allow to cure. After the epoxy has set simply peel off the Peel Ply, which in turn will remove any surface Amine Blush, and you will be left with a woven impression resulting in no-need for washing and abrading between coats.

Product Codes

PRO-VAC NYLON PEEL PLY 85GSM 500mm	PV-N85-500
X 100M	
PRO-VAC NYLON PEEL PLY 85GSM 1000mm	PV-N85-1000
X 100M	
PRO-VAC POLYESTER PEEL PLY 85GSM	PV-P85-100
1500MM X 100M	

Peel Ply Tape

WEST SYSTEM PEEL PLY TAPE



Peel Ply is a finely woven nylon fabric with an added release agent to which epoxy cannot bond. Apply Peel Ply to the surface of the wet epoxy and allow to cure. After the epoxy has set simply peel off the Peel Ply, which in turn will remove any surface Amine Blush, and you will be left with a woven impression resulting in no-need for washing and abrading between coats.

Product Codes

WEST SYSTEM PEEL PLY TAPE 83gm 50mmx100M	WS-872-50
WEST SYSTEM PEEL PLY TAPE 83gm 100mmx100M	WS-874-100

Bagging Film

PRO-VAC 75 MICRON BLUE VACUUM BAGGING FILM



A tough, high temperature resistant co extruded nylon based material, which is designed for use in the production of advanced composite structures such as wind turbine blades and nacelles, boat hulls and decks, plus other industrial structures. The film is ideal for use in both resin infusion and prepreg moulding applications and is resistant to all commonly used resin systems. Not suitable for use in autoclave processing of composites.

Product Codes

PRO-VAC 75 MICRON BLUE VACUUM BAGGING FILM 4M X 30M	PV-100LB-75-4-30
PRO-VAC 75 MICRON GREEN VACUUM BAGGING FILM 6M X 135M	PV-150LG-75-6-135
PRO-SET TEAK DECK BAGGING FILM 1.5Mx266M 40KG (RED EMBOSSED)	WS-PS-VC385

Release Film & Breather Fabric

PRO-VAC BREATHER FABRIC

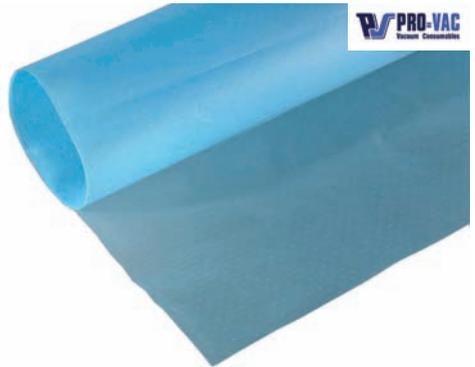


PRO-VAC Breather fabric is designed to aid in the evacuation of air from the dry composite fibres or pre preg layers during the de bulking process at room temperature; it also behaves as an open channel for gasses to escape during curing at elevated temperature and pressure whilst the laminate is still in its liquid phase before curing. PRO-VAC 150gsm non-woven polyester breather fabric. Maximum use temperature of 210°C. 100% non-woven polyester.

Product Codes

PRO-VAC BREATHER FABRIC 150GSM 1520mm X 100M	PV-B-150
---	----------

PRO-VAC 500 RELEASE FILM



Specifically designed as a release film for composite processing; we are continuously striving to develop products with the best blend of polymers to produce a film with increased strength and release characteristics at the most cost effective prices. PRO-VAC 500-B-28 is a Blue Low temperature blended co polymer release film 28 micron thick x 1.5m wide x 500m long rolls.

Product Codes

PRO-VAC 500 P3 RELEASE FILM 28 MICRON 1.5M X 500M	PV-500-B-28-P3
PRO-VAC 500 P31 RELEASE FILM 28 MICRON 1.5M X 500M	PV-500-B-28-P31

Tapes

PRO-VAC LOW TEMP BLACK SEALANT TAPE



These specially designed putty tapes are ideal for creating an air-tight seal when vacuum bagging. They are pressure sensitive meaning that the harder you nip the tape to the bag, the better the seal you create. PRO-VAC 1191 General purpose Black low temperature sealant tape. Maximum use temperature 150°C.

Product Codes

PRO-VAC LOW TEMP BLACK SEALANT TAPE PV-B1191
3MMx12MMx15M

PRO-VAC FLASH TAPE



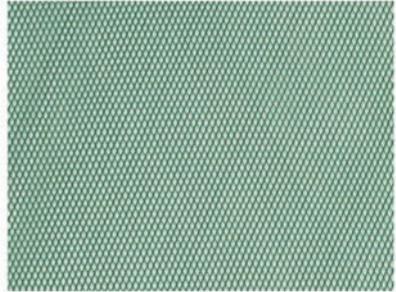
A polyester tape, backed with a fully cured, pressure sensitive adhesive. Strips easily after use. Max temp: 204°C.

Product Codes

PRO-VAC 1G-25 FLASH TAPE 25mm X 66M PV-1G-25
PRO-VAC 1G-50 FLASH TAPE 50mm X 66M PV-1G-50

Mesh

PRO-VAC BLACK KNITTED INFUSION MESH



We know that the speed of the resin is critical, when it comes to planning and executing an infusion strategy. This is why we have engineered out infusion meshes to match and even surpass the products that are currently in the market. We have analyzed the current meshes that are being used and have designed our products to behave in a similar way. The extruded grid mesh has been designed so that the flow is even in all directions; therefore there is no difference in speed between the machine and transverse directions.

Product Codes

PRO-VAC BLACK KNITTED INFUSION MESH PV-
1000mm X 100M KM1604E1-100

PRO-VAC RE-MESH



PRO-VAC RE-MESH - Release film and infusion mesh combination product. Combination of PRO-VAC 500-B-28-P31 release film and KM160E1 infusion mesh. Designed for resin infusion with a wide range of commonly used resin system. Reduces layup time and handling.

Product Codes

PRO-VAC COMBINATION PRODUCT 1.45mm PV-REMESH-100
X 100M (INFLUPLY)

Ancillaries

PRO-VAC INFUSING HOSE



A plastic hose 12mm OD and 10mm ID designed to be used with resin infusion. Can be easily cut and kinked for stopping resin flow.

Product Codes

PRO-VAC PVI-10 INFUSING HOSE 10mm X 100M	PV-I-10
PRO-VAC PVI-12 INFUSING HOSE 12mm X 100M	PV-I-12

PRO-VAC T CONNECTOR



A plastic T piece junction to be used with infusion hose and spiral wrap to create junctions in either the resin in or vacuum out pipe network. 10mm for 12mm Hose.

Product Codes

PRO-VAC PVT10 T CONNECTOR	PV-PVT-10
PRO-VAC T PIECE 12mm PK20	PV-VT-12

PRO-VAC L CONNECTOR



The PRO-VAC L connector used with infusion hoses and spiral wraps to create bends with out kinks in either the resin in or vacuum out pipe network.

Product Codes

PRO-VAC L CONNECTOR 12mm PK50	PV-L-12
-------------------------------	---------

PRO-VAC SPIRAL WRAP



A spiral plastic hose used for channelling resin whilst allowing the resin to escape over the surface of the composite material.

Product Codes

PRO-VAC PVS-10 SPIRAL WRAP 10MM X 100M	PV-S-10
PRO-VAC PVS 12 SPIRAL WRAP 12mm X 50M	PV-PVS-12

PRO-VAC VALVE TAP



The PRO-VAC valve tap is a disposable, push-fit valve for use with PET tubing, which provides simple control of resin flow during the infusion process.

Product Codes

PRO-VAC VALVE TAP 10mm PK50	PV-V-10
PRO-VAC VALVE TAP 12mm PK50	PV-V-12

PRO-VAC ORANGE INFUSION BRAID



Disposable orange mesh, perfect for use in creating a vacuum manifold around the tool flange.

Product Codes

PRO-VAC ORANGE INFUSION BRAID 250M	PV-OB-1
------------------------------------	---------

PRO-VAC INFUSION INLET BLOCK



Disposable inlet block for infusion process which has been developed to self-seal with all ProVac PVL connectors. The block sits inside the vacuum bag and accepts the vacuum hose or resin infusion spiral.

Product Codes

PRO-VAC INFUSION INLET BLOCK FITS 12/18MM 1/2 BRACKET PK20	PV-INB-16
--	-----------

PRO-VAC PROFIX SPRAY ADHESIVE



There are many different types of spray adhesive in the composite market place; our PRO-FIX is a product that we have worked hard on developing to cover most of the industrial requirements. The adhesive has been designed to be used with all fabric types (glass, carbon and aramid), it is also successfully used at bonding core material in place (balsa and foams) and can be used to bond PRO-VAC consumables in place during lay-up.

PRO-VAC Pro-Fix: Acetone free spray adhesive, designed for bonding dry glass, carbon and aramid fibres for composite structure preparation, can also be used for fixing core materials - foams and balsa as well as vacuum consumables like peel ply and breather fabric.

PRO-VAC Pro-Fix 51: High Adhesion strength with gelcoat, barrier-coat, glass fibre matting and fibreglass laminates, full compatibility with polyester, vinyl ester and epoxy resins, does compromise the mechanical performance of laminates even if used in higher quantities that actual requirements, does not threaten or inhibit the correct polymerization of resins, does not weaken the degree of inter-laminar adhesion between the different layers of laminate, contains a blue colorant which makes it possible to assess and regulate the quantity applied, the colour disappears during polymerization.

Product Codes

PRO-VAC PROFIX SPRAY ADHESIVE 500ml	PV-PROFIX
PRO-VAC PROFIX 51 SPRAY ADHESIVE 500ML	PV-PROFIX51-500