



Printing & Packaging Adhesives

Product Brochure



Texochem Industries

Manufacturers of Polymeric
Emulsions, Coatings and Adhesives

Product Overview

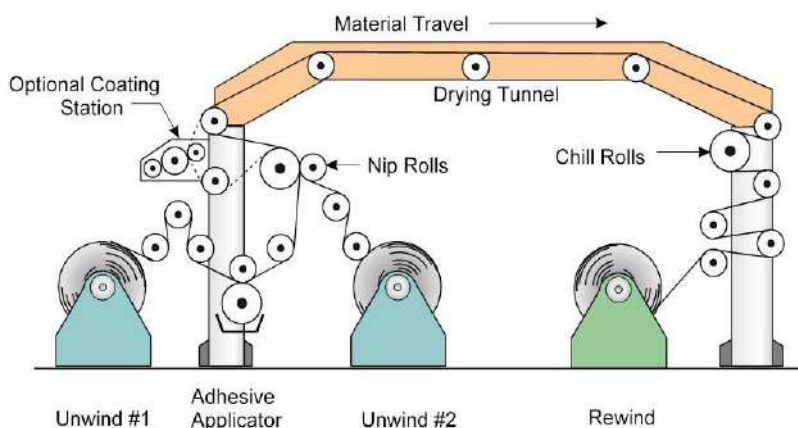
We understand the importance and challenges of application of water-based systems in lamination and packaging industries. Hence, our products are developed and designed to provide our customers the best possible solution. Serving this industry for over a decade now, we are continuously working on adding new products in our portfolio. Currently our major products are as follows:

Product Name	% solids	Primary Application	Key Advantages
Texcryn 2450	40 ± 1	Wet Lamination Adhesive	Wrinkle free and glossy
Texobond 1052	50 ± 2	Dry Lamination Adhesive	High green strength
Texobond 577	54 ± 2	Carton Pasting – Manual application	Fast setting time
Texcryn HP-188	54 ± 2	Carton Pasting – Machine application	Universal adhesive for all kinds of board laminations
Texobond BL-1020	45 ± 2	PET & PVC Blister Coating	Works for both “in-line” and “off-line” applications
Texcryn CS-250	54 ± 2	Cold Seal Blister	Strong contact adhesive
Texobond F-107	45 ± 2	Foil – Foil Heat Seal	Excellent adhesion to aluminum
Texobond P1100	47 ± 2	Water & Oil repellent – Heat Seal	Hydrophobic and Oleophobic
Texobond HS-2028	37 ± 1	Paper - Paper Heat Seal	Low sealing temperature
Texobond 2255	54 ± 2	Sticker & Label Adhesive	High viscosity for full pasting
Texobond T-17	52 ± 2	Tape Adhesive	High tack & cohesive strength
Texobond 4560	53 ± 2	Repositionable Adhesive	Smooth release, no residue transfer
Texobond 1015	53 ± 2	Bottle Labeling	Water & ice resistant
Texobond CB-43	30 ± 1	Corrugation Boxes	Non yellowing

Lamination Adhesives

Wet Lamination

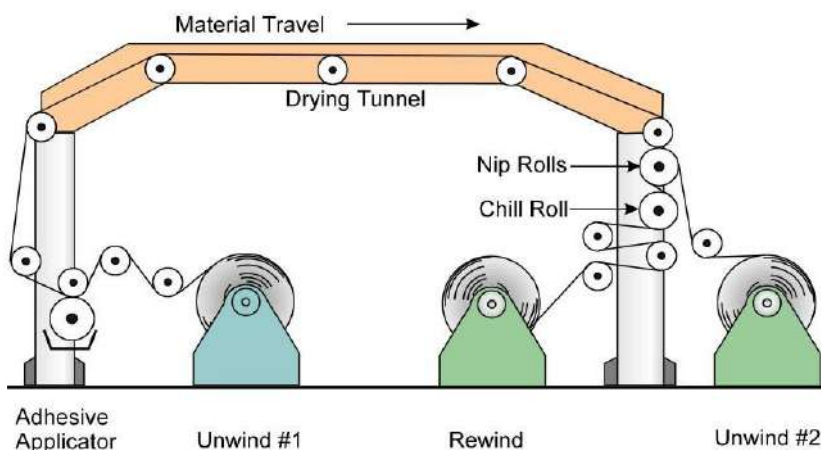
Product Name	% solids
Texcryn 2432	32 ± 1
Texcryn 2436	35 ± 1
Texcryn 2445	37 ± 1
Texcryn 2450	40 ± 2
Texcryn 2452	48 ± 2
Texcryn 2457	52 ± 2



Wet lamination is the process where the bonding agent is still in a liquid state when the webs are joined together. Wet lamination is a good choice for bonding two different materials where the adhesive can infiltrate the substrate. We offer a range of acrylic terpolymer emulsion-based adhesives to accommodate the variety of needs in the flexible packaging industry.

Dry Lamination

Texobond 1052	
Parameters	Properties
% solids	50 ± 2
pH	7.0 – 9.0
Viscosity (cPs)	10 – 40
Foaming	Minimum
Sealing temp	80°C



Dry lamination is the process where the bonding agent is still in dry state when the webs are joined together. The adhesive coated web is laminated to the other under strong pressure and heated rollers.

Carton Pasting Adhesives

Our carton pasting adhesives are designed to provide reliable adhesion that adheres to the stringent criteria and dynamic requirements of the packaging industry.

Texobond 577

Texobond 577 is a polyvinyl acetate copolymer-based adhesive for bond between polymer substrate viz. BOPP, PVC, HDPE, and Polyester with substrates such as paper, board, cloth, glass, and wood. It can be used for **manual and wheel application** pastings.

Parameters	Properties
% solids	54 ± 2
pH	4.0 – 6.0
Viscosity (cPs)	3000 – 4500



Texcryl HP-188

Texcryl HP-188 is suitable for liner fixing, lock bottom pasting, window pasting and flap sealing of monocartons. Texcryl HP-188 can be easily used in **machine/nozzle applications** and is suitable for high speed FFG machines for making corrugated boxes.

Parameters	Properties
% solids	54 ± 2
pH	4.0 – 6.0
Viscosity (cPs)	300 – 500

Blister Coating

We manufacture water-based blister coatings, both heat seal and cold seal, which widely find applications in the pharmaceutical, FMCG and consumer good industries.

Texobond BL-1020

Texobond BL-1020 is a **heat seal blister coating** for bonding PET, PVC, APET and PS. Surface chemistry and glass transition temperature are the key parameters which make Texobond BL-1020 a high performing material. It can be used for both 'in-line' and 'off-line' processes.

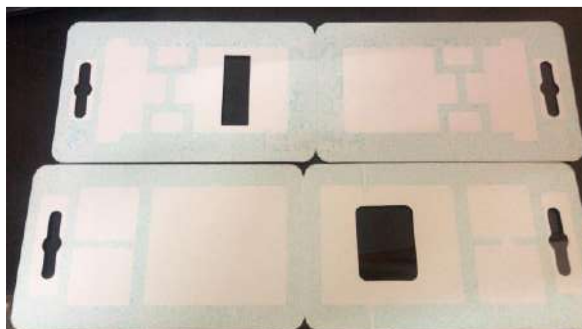
Parameters	Properties
% solids	45 ± 2
pH	5.0 – 7.0
Viscosity (cPs)	100 – 300
Sealing condition	140°C, 4sec, 40psi



Texcryl CS-250

Texcryl CS-250 is a water-based **cold seal blister adhesive**. Texcryl CS-250 is applied to each surface to be bonded together and then dried. The final bond is not created until the two dried surfaces make contact again.

Parameters	Properties
% solids	54 ± 2
pH	4.0 – 7.0
Viscosity (cPs)	2000 – 3500
Sealing condition	> 10gsm, 40psi, 5sec



Pressure Sensitive Adhesive

Pressure sensitive adhesives (PSAs) are permanently tacky products which show adhesion to substrates under the application of slight pressure (this may also be referred to as tack). Adhesion is usually exhibited by polymers having low molecular weights, low crosslink density and low glass transition temperature. Whereas 'cohesion' which determines the intrinsic polymer strength is promoted by polymers of high molecular weight, high crosslink density and high glass transition temperature. Both 'adhesion' and 'cohesion' are to some extent contradictory, which is why PSAs require sensitive formulation wherein the application determines the levels of adhesion and cohesion needed by PSAs.



Texobond T-17: Tape adhesive

Packaging tape adhesives require high and aggressive tack for ensuring complete sealing of the material. Texobond T-17 is a **high tack adhesive** which provides **high green strength** along with **good shear strength**.



Texobond 2255: Label adhesive

Labels have **moderate tack** to fix the position of the sticker. But they require **good cohesive strength**, to not leave traces of the adhesive when removed. Texobond 2255 has **adjustable viscosity** to work on different kinds of machines.



Texobond 4560: Peelable adhesive

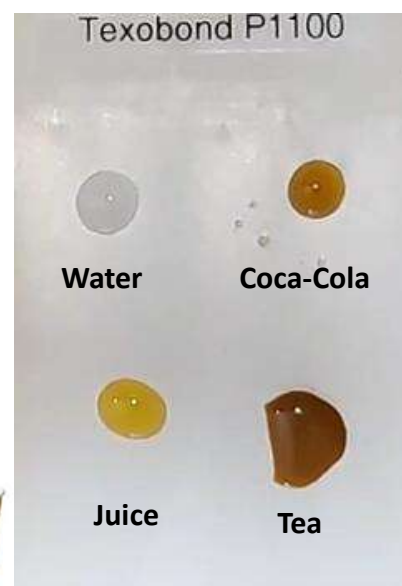
These are the most sensitive PSAs where **very high cohesive strength** is required. Texobond 4560 provides a soft feel for **easy and smooth release** and leaves **no residue** on the surface for **clean release**. Works on variety of substrates such as steel, glass, acrylic sheet, vinyl, wood, etc.

PE Replacement Coating

Water & Oil repellent – Heat Seal Coating

Texobond P1100 is a water-based heat seal coating, having both hydrophobic and oleophobic characteristics to impart **stain resistance** property. The coating results in a **fiber tear seal strength** when coated face to face. Other salient properties include fast drying, high coverage and non leaching system.

Parameters	Properties
% solids	47 ± 2
pH	7.0 – 9.0
Viscosity (cPs)	10 – 40
Sealing condition	90°C, 2sec, 40psi (or equivalent)



Foil to Foil Heat Seal Coating



Texobond F107 is a water-based heat seal coating for use in aluminum pouches. Unlike conventional heat seal coatings, Texobond F107 has excellent adhesion to metal surface which **avoids 'stringing'**. The coating has very good antiblocking properties and **low coefficient of friction**. The coating results in **fiber tear seal strength** when coated face to face.

Parameters	Properties
% solids	41 ± 2
pH	5.0 – 7.0
Viscosity (cPs)	50 – 100
Sealing condition	135°C, 0.5sec, 40psi (or equivalent)





Texochem Industries

Texochem Industries

A-714, T.T.C. Industrial Area, MIDC,

Mahape, Navi Mumbai – 400710

Maharashtra, India.

Contact: 88280 27395

E-mail: info@texochem.com

Website: www.texochem.com

