



**Paper-Printing,
Packaging & Converting**

CERTIFICATIONS & COMPLIANCES





Widest array of over **500+** products

Global presence over **40+** countries

Strong & successful existence since **1990** in the industry

From a modest and humble beginning in 1990, CHEMLINE has emerged as one of the India's leading manufacturer and exporter of widest array of Industrial Adhesives, Coatings & Papers.

CHEMLINE INDIA LTD. manufactures a complete range of world class Adhesives and Coatings for Paper-Printing, Packaging and Converting, Flexible Packaging and Hygiene Industries, Labeling Adhesives for Breweries, Distilleries and Pharma Industries & Specialized Hot Melt Adhesives for vast range of applications, along with various downstream products like Self-Adhesive Label Stocks, Metallized Paper/Paper Boards, Coated Papers, Industrial Tapes.

Starting with its marketing activity in India, CHEMLINE has expanded into more than 40 countries including Europe & America and now has a wide network of distributors and agents all over the globe.

CHEMLINE possesses a very modern and green manufacturing installation with 'State of the Art' Facilities and Equipments for each range of products. The emphasis of the company is on 'Innovation' and therefore the core of the company is its Research and Development.



Dr. Ravindra Goel
Chairman & Managing Director

Giving New Dimensions To The Industry With Innovations

Under the leadership of Dr. Ravindra Goel, a Polymer Scientist, with Ph.D from IIT Delhi, Chemline has evolved into a globally recognized Indian brand. Dr. Goel possesses a deep understanding of emerging customer needs and remains actively involved in product development activities.

A dedicated team of professionals works relentlessly to deliver cost-effective, environmentally sustainable solutions

Dr. Ravindra Goel firmly believes in giving back to society. He is deeply engaged in supporting weaker sections of society.

GLOBAL FOOTPRINTS

Owing to superior quality & competitive price, CHEMLINE exports its products to more than 40 countries. The products have been widely accepted and regularly exported to a number of corporate customer in:

- ▶ **The Middle East**
- ▶ **Europe**
- ▶ **North/South America**
- ▶ **South East Asia**
- ▶ **CIS**
- ▶ **Countries of Africa**

CHEMLINE products are supplied world-wide either directly to the customers or through our network of Agents and Distributors. Apart from above countries, CHEMLINE has marketing support offices in major metros in India to work closely with customers.

CHEMLINE exports its products to more than **40** countries



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PUR Mono Component Solvent Free Lamination Adhesive

QUIKLOCK®

HOTMELTS ADHESIVES
FOR PERFECT BOOK BINDING



Product	Grade	Viscosity, cps at 150°C	Gluepot Temp. (°C)	Softening Temp.	Application	Specific Advantages
Spine & Side Hotmelt Adhesives For Perfect Book Binding On Machines Like Mueller Martini Kobus Machines etc.	CH 155 FMW	7000 ± 1000	130 - 160	100±5	Metallocene based Spine Application (Snow White Granules)	Suitable For All Kind Of High Speed Perfect Book Binding
	CH 155 SW	7000 ± 1000	130 - 160	85±2	Water White Transparent	High Strength Translucent & Ivory White Hot Melt For High Speed Perfect Binding Machines.
	CH 155 SW (64)	7000 ± 1000	130 - 160	76±2.0	Art & Wood Free For Spine Application (Pigmented Granules).	Having Good Page Pull Strength.
	CH 699 TY	7000 ± 1000	130 - 160	76±2.0	Art & Wood Free For Spine Application (Non Pigmented Granules).	Low Application Temperature Spine & Side.
	CH 399 TY	4000 ± 1000	120-140	78±2	Suitable For Maplihto Paper	All Grades For Spine Applications Having Good Page Pull Strength.
	CH-639 GNP	7000 ± 1000	130 - 160	78±2.0	Maplitho wood free Paper for spine application pigmented Granules	Excellent Binding With High GSM Maplitho/ Uncoated Paper With Good Spine Flexibility.
	CH-145 GT	7000 ± 1000	130 - 160	78±2.0	Maplitho/ Wood Free For Spine Application Pigmented Granules	Only For Cover Pasting Jobs.
	CH-145 WH	5000 - 12000	130 - 160	80±2.0	Maplitho/ Wood Free Paper With Stitched Spine	Excellent Binding In Side Application For Coated/ Art/ Maplitho Paper Both In Granule & Pillow Form.
	CH-135 YBL	1700 ± 500	130 - 150	82±2.0	Side Glue For Art /coated Paper & Lamination Paper (semi-psa, Pillow Form)	
	CH-135 Y6	4000 ± 1000	130 - 150	80±2.0	Side Glue For Art /coated Paper & Lamination Paper (granule Form)	



Jelly Glues



Chemline was the first to start production of Jelly Glues in India. We offer grades for manual and all kinds of machines- automatic and semi-automatic for case making and rigid box making . The grades are relatively odourless (Fragrance smell) and lighter in colour.

Working temperature to be adjusted as per varying climatic conditions as viscosity may differ as per prevailing ambient temperature.

Product	Process	Grade	Viscosity, cps at 60°C	Gluepot Temp. (°C)	Softening Temp (°C)	Specific Advantages	Suggested Working Temperature
Jelly Glue For Hard Case / Rigid Box Application (for Kolbus, Harouf, Memory, Megabound Type Machines)	Semi-Auto/ Manual	GC-3560 F12 W (Light Yellow)	1500 ± 300	80±5	53±3.0	▶Odour free ▶Free flowing characteristics of melt & good spreading. ▶Superior bond for mation between substrates. ▶Fast Drying	60-70°C In summer
	Semi-Auto	GC-3560 F18W (Light Yellow)	1000 ± 300	80±5	53±3.0		
	Automatic	GC-3560 F21 W(3) (Light Yellow)	1500 ± 300	80±5	53±3.0		70-80°C In summer
	Fully- Automatic	GC-3560 F24 W(6) (Light Yellow)	1500 ± 300	80±5	53±3.0		

Water addition will depend on prevailing local climatic conditions.



Heat Seal Corner Tape



Grade	Quality	Application
HST 9025 PR(W)	Paper Tape With 90 GSM.	Used For Manual And Automatic conversion.
HST 2025 PR(B)	Paper Tape With 120 GSM	
HST 2025 (W)	Kraft Paper Tape With 120 GSM White	

WATER BASED DRY LAMINATION ADHESIVES FOR PAPER/BOARD TO FILM LAMINATION

Chemline is a global leader in manufacturing Chemicryl brand Dry Lamination Adhesive having major share in Indian Market and also exporting to many countries in Europe, USA, Latin America, Middle East and South East Asia.

Product	Grade	Viscosity, at 25°C	pH	Solid%	Application	Specific Advantages
	MT 5003	27± 2 sec	7.5 ±0.5	50 ±2	Metallic Transfer	Metallic Transfer
Dry Lamination Adhesives For Automatic Machines	DL 5202 (18X)	17± 2 sec	7.5 ±1.0	51±1	Transfer Metallization Paper/Paper/Board From Metalized Polyester All Acrylic Type Products for Lamination of Films like PET, PVC, BOPP, MPET to Paper/Duplex Board at High Speed of upto 80mtr /min	Immediate Curing on Automatic Lamination Machines. Good Gloss High Peel Strength.
	DL 5002 (18X)	17 ± 2 sec	7.5 ±1.0	49 ± 1		
	DL 5002 (20X)	16± 2 sec	7.0 ± 1.0	45± 1		
	DL 4502 (18X)	24 ± 2 sec	8.0 ± 0.5	42 ±1	Especially for Lamination of MET PET/Holographic Film	Good peel strength on MET PET Film
	DL 4002 (8X)	15± 2 sec	7.5 ± 1.0	41 ± 1		

WATER BASED WET LAMINATION ADHESIVES FOR PAPER/BOARD TO FILM LAMINATION

Product	Grade	Viscosity, at 25°C	pH	Solid%	Application	Specific Advantages
High Quality Wet Lamination Adhesives For Semi - Automatic Machines.	CL 9	2500±500 cps	5.0±1.0	54 ± 1	Lamination Of Films Like PET, MPET, BOPP, PVC, With Paper Or Duplex Board	Well Suited for Creasing, Embossing, Guttering and Lamination of Dark Substrates.
	FL 6055 B	20000±2000 cps	7.0±1.0	47 ± 1		
	LM 5022	2750±250 cps	6.0±1.0	50 ± 1	High Solid Lamination Adhesive For BOPP, PVC	Good Gloss Good Peel Strength
	LM 4522	2750±250 cps	6.0±1.0	42 ± 1		
	LM 4022	2500±500 cps	6.0±1.0	38±1		
	LM 3522	2500±500 cps	6.0±1.0	35 ± 1	Lamination of Films like BOPP, PVC to Paper or Duplex Board	For Normal Lamination
	LM 3022	1500±300 cps	6.0±1.0	30 ± 1		

WATER BASED GLUES FOR MISCELLANEOUS PACKAGING APPLICATIONS

Product	Grade	Viscosity, at 25°C cps	pH	Solid%	Application	Specific Advantages
Carton Side/flap Sealing, Paper Bag Making, Window Patching	SS 6010 M (9) NW	6000±1000	5.5±1.0	55±1.0	For Side/flap Pasting Of Mono Cartons Window Patching	Suitable for Nozzle & Wheel Applications
	SS 6010 MP	15000±3000 cps	5.5±1.0	55±1.0	For Side/Flap Sealing of Mono cartons/Paper Bag-Side & Bottom Pasting, Book Making, Window Patching	Multi-Purpose Applications
Casing In	SS 6010 CI	10,000±1000	5.0±1.0	53±1.0	For Casing In on Fully Automatic m/c's	Good Bonding with PVC/ Laminated Cover With Quick Drying characteristics
Rigid Box/Case Making	SS6010 ABM	11000+3000	5.5±1.0	53±2.0	Suitable For Rigid Box/ Hard Bound Book Case Making On Automatic Machine	Good Bonding Strength With paper to Board/ Coated paper to board
Cold Book Binding Adhesives	BDG 54	40,000±5000	5.0±1.0	50±1.0	For Book Binding, Paper to Paper/Board Binding.	►Plasticitized Product With Good Flexibility & Quick Drying
	WA 40	37,500±2500	5.0±1.0	40±1.0	For Manual Paper to Board/ Paper to Paper Pasting, Woodworking	►Good Bonding for Paper to Paper & Duplex Board ►Best Suitable Furniture Industry
Cold Binding Adhesives	FT 4870	8000±500	5.0±1.0	50±2	For Paper/Duplex Board to Paper/Flute/Board Lamination	►Immediate Bond Formation With Fiber Tear
	AC 5550	26,000±2000	5.0±1.0	50±2.0	For Paper / Duplex Board to Paper / Flute / Board on Automatic / Semi-Automatic Machine.	►Good Bonding for paper to paper & duplex board ►Quick Setting Products. ►Low Moisture % After Application.
	AC 50 LV	2000±500	5.0±1.0	48±1.0		
	AC 45 F	10,000±1000	5.0±1.0	35±1.0		
	AC 35 F	1700±300	5.0±1.0	28±2.0	High Speed Flute Lamination	
	AC 22 F	100±10	5.0±1.0	22±0.5		

UV COATINGS

CHEMLINE manufactures full range of UV Coatings which are Odour Free, Migration Free, Fast Curing & have products especially for Food packaging:



Over Print UV Coatings for Coater & Duct Application

Product	Grade	Viscosity, at 25°C (in cps)	Viscosity, at 25°C Ford Cup (B-4) (in secs.)	Rub/Scuff Resistance @ 2 lbs	Gloss at 60 deg.	Application	Specific Advantages
Over Print UV Coatings For Online & Offline Applications	UVF 400 L	140±20	40±5	300 w/o Primer 800 With Primer	80-90%	High Gloss UV CoatingsFor Coater Application.	Online/offline Coater & Duct Uv Coatings Works On Slow And High Speed Printing Machine More Than12,000 Sph
	UVF 400 LHS	140±20	40±5	500 w/o Primer 1000 With Primer	80-90%	High Gloss & High Scuff UV Coating For Coater Application.	
	UVF 400 L (25)	100±20	25±5	300 w/o Primer 800 With Primer	80-90%	High Gloss UV Coating for Narrow web coating.	
	UVF 400 L(303)	140±20	40±5	500 w/o Primer 800 With Primer	80-90%	Food Grade Gloss UV Coatings For Coater Application.	Benzophenone Free
	UVF 400 LM	200±20	70±10	500 w/o Primer	5-10%	Matt Finish UV Coating For Coater Application.	Free Of Volatiles With 100% Solids.
	UVF 4000 L	4000±200	-	500 w/o Primer, 900 With Primer	85-95%	High Gloss Uv Coatings For Duct Application.	
	UVF 500 LM	500±100	-	-	-	UV Lamination Adhesive For Flexo Label Printing Machine	

DRIP OFF / TEXTURE UV COATINGS



Product	Grade	Viscosity, at 25°C (in cups)	Rub/Scuff Resistance @ 2 lbs	Gloss at 60° Degree	Application	Specific Advantages
Over Print UV Coatings For Texture / Drip-off Effect With Online/offline Duct & Coater Applications	UVF 35 HD12NG	35,000±10,000	-	Matt Finish	Matt Finish UV Texture For Duct Application	For Small Grains Size.
	UVF 35 HD12BG	75,000±20000	-		Matt Finish UV Texture for Duct Application.	For Big Grains Size
	UVF 4000 LGS	4500±500 cps	300 w/o Primer 600 with Primer	90-95%	Glueable UV Coatings for Duct to Duct Texture Effect.	Free of Volatiles
	UVF 400 LGS	260±20 cps	300 w/o Primer 800 with Primer	90-95%	Glueable UV Coatings for Duct to Coater Texture Effect.	

ULTRAGLOSS®

OVER PRINT
UV COATINGS
FOR SCREEN
APPLICATIONS



Product	Grade	Viscosity, at 25°C	Rub/Scuff Resistance @ 2 lbs	Gloss at 60° Degree	Application	Specific Advantages
Spot UV Gloss & Texture Coatings For Screen Applications	UVS 600 PL(6)	600±100 cps	300 w/o Primer 800 with Primer	90-5%	UV Spot Vamish For Paper/Plastic Substrate	Suitable For Paper And Plastics Substrates

OVER PRINT
LED UV COATING



Product	Grade	VISCOSITY, at 25°C	Rub/Scuff Resistance @ 2 lbs	Gloss at 60° Degree	Application	Specific Advantages
Over Print LED UV Coating	UVF 400 LED	35±5 Secs	400 w/o Primer	85-90%	► For excellent gloss high scuff, high slip, full/flat over print coating for all types of Printed Paper & Boards	► Pollution Free Non-Hazardous ► Eco Friendly, Free of Volatile ► Reduce Power Consumption ► No Ozone Generation

AQUEOUS COATINGS

- ▶ High Gloss General Purpose
- ▶ High Gloss - High Scuff
- ▶ Full Matt
- ▶ Online Primer Coats for Wet on Wet Coatings

OVER PRINT COATINGS
FOR COATER & DUCT APPLICATIONS

Product	Grade	Viscosity, at 25°C	pH	Rub/Scuff Resistance @ 2 lbs	Gloss at 60° Degree	Application	Specific Advantages
Water Based Over Print Coatings For Online/offline & Duct Applications	OPV 95HG	60±10 secs	8.0±0.5	300±500 rev.	65-70%	High Gloss Online/Offline Aqueous Coating	▶ Pollution Free, Non-Hazardous & Eco-Friendly. ▶ No Organic Solvent required for cleaning of machines hence economical. ▶ Colorless Coating, No Yellowish tinge on Coated Paper/Board.
	OPV W 75 HG	65±20 secs	7.5±0.5	300±100 rev.	55-60%	High Gloss Aqueous Coating	
	OPV W 45 HS	60±10 secs	8.0±0.5	700±800 rev.	55-65%	For High Rub Resistance.	
	OPV W 45 M	45±5 secs	7.5±0.5	Approx 300 rev.	Matt Finish	Malt Coating for Coater Applications.	

PRIMER COATINGS

Product	Grade	Viscosity, at 25°C	pH	Solids%	Application	Specific Advantages
Board Primer	ARC 4201	30 - 35 secs	8.0+0.5	41+2.0	Base Coat for obtaining High Scuff Resistance in UV Coating & Good Gloss	Usage of Primer improves Scuff, Gloss & Increases Mileage of UV
MET PET Primer	MPP 4030	30-35 sec	8.0+0.5	41+2.0	Primer Coat For Met-pet Film Either In Web Form Through Gravure Coating Or Met-pet Laminated Paper/Board On Sheet Coatings m/c's.	Usage Of Primer Improves Bonding Of Print With The Metalized Surfaces.

AQUASEAL® & CHEMISEAL®

BLISTER COATINGS

CHEMLINE - manufacturers a range of
Aqueous and Solvent based Blister Coatings for:

- ▶ Paper / Board to PVC
- ▶ Paper / Board to Pet



Product	Grade	Viscosity, at 25°C	pH	Solids%	Applications	Specific Advantages
Over Print Heat Seal Coatings For Blister Packing	HSOPV (W) 3 Water Based	30-35 sec	8±0.5	41±2.0	Coating for PET & PVC Blister Packaging	Exhibits good gloss & good sealing characteristics with blisters.
	HSOPV S 40 Solvent Based	100±10 sec	-	33±2.0	Coating for PVC Blister Packaging	
	HSOPV (W) Water Based	1000-1500 cps	7.5±1.0	40±1.0		

CHEMICRYL®

MONO COMPONENT PU BASED ADHESIVE
FOR PAPER TO FILM LAMINATION

Product	Grade	Viscosity, at 80°C	Application Temp°C	Solid%	Application	Specific Advantages
Solvent Less Mono-component Polyurethane Lamination Adhesives (For Steinemann M/c's)	CPU 100M (12)	1200 ± 400 sec	90-100	100	Solvent less mono component PU adhesive used for paper/board to film & foil lamination.	Cures with the presence of moisture within 24-48 hrs.

NOTES

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