



chemline
adhesives & coatings

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Bonding Together

PROGRESS THROUGH INNOVATION



In Touch With your **Needs** ALWAYS & EVERYWHERE



From a modest and humble beginning in 1990, **CHEMLINE** has emerged as one of the India's No. 1 manufacturers and exporter of a wide range of Industrial Adhesives & Coatings.

CHEMLINE INDIA LTD, the flagship company of **CHEMLINE GROUP**, manufactures a complete range of world class **Adhesives and Coatings** for **Paper-printing, Packaging and Converting Industry, Flexible Packaging Industry, Hygiene Industry, Labeling Adhesives for Breweries, Distilleries and Pharma Industries, Shoe and other miscellaneous industries.**

Starting with its marketing activity in India, **CHEMLINE** has expanded into more than **25 countries** including Europe & America's and now has a wide network of offices, distributors and agents all over the globe.

CHEMLINE possesses a very modern and green manufacturing installation near Delhi with 'State of the Art' Facilities and Equipments. The emphasis of the company is on '**Innovation**', and therefore the core of the company is its **Research and Development** Wing. It has a fully equipped modern laboratory staffed by dedicated, highly qualified and experienced scientists. This has been the major reason for development of such a wide range of products. Equally advanced, separate laboratories are there for **Quality Control**, Product Applications and their Testing.

A Technocrat and a Scientist with Doctorate in Polymer Technology, I am myself leading the R&D wing of the company. I have a zeal for research work and as such am deeply involved in the Development Activity. **CHEMLINE** is managed by more than 200 motivated and professional technocrats and managers with long experiences in their fields of specialization. Many more are there in its marketing network of distributors and agents to provide services to its customers across the world.

Certified as **ISO 9001-2008** Company, quality is of utmost importance to **CHEMLINE**. Our strength lies in providing quality and prompt service to the customers and in doing so, no efforts are spared. The motto of **CHEMLINE** is '**Progress through Innovation**'. We develop new products, maintain its quality and are always eager to upgrade them. We also provide customised products to suit the need of the customers. We work very closely with them, providing strong after sales technical support. Customer's satisfaction is held above everything else.

We have recently diversified in the fields of **Construction Chemicals and Automotive Chemicals** and shall continue to explore the new horizons in order to serve the industries better. We are doing our bit to conserve the environment by going green.

Dr Ravindra Nath Goel
(Chairman)
CHEMLINE GROUP

PROGRESS THROUGH INNOVATION

OUR STRENGTHS...

RESEARCH & DEVELOPMENT

Roots of **CHEMLINE** lie in Research & Development.

CHEMLINE works with:

- Strong emphasis on R&D.
- Fully equipped laboratories and pilot plants.
- Continuous updations of quality.
- Immediate action to develop customer specific products.
- New product development through interaction with customers.



MARKETING & EXPORT ACTIVITIES

Owing to superior quality & competitive price, **CHEMLINE** exports its products to about 25 countries. The products have been widely accepted and regularly exported to a number of Corporate Customer in:

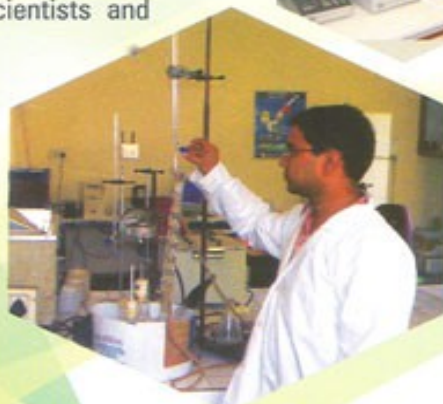
- Europe
- The Middle East
- CIS
- South East Asia
- Countries of Africa
- North And South America

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.

QUALITY ASSURANCE

CHEMLINE takes pride in focusing on R&D and manufacturing processes to provide top quality products and services to its customers. The production involves state- of- art plants with hi-tech systems. The quality is controlled and monitored through in-house lab facilities and sophisticated testing equipments which are manned by highly qualified scientists and professionals.

CHEMLINE regularly audits and improves its systems and quality parameters to ensure consistency, keep pace with the new technology and upgrade standards required by the market. In addition, **Chemline** lays special emphasis on environment, health & safety standards.



WE SERVE ...



ADHESIVES & COATINGS FOR

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ADHESIVES & VARNISHES FOR PAPER PRINTING, PACKAGING & CONVERTING INDUSTRY

CHEMLINE manufactures complete range of Adhesives & Varnishes for the Paper Printing, Packaging & Converting Industry which includes:

PAPER TO FILM LAMINATION, WATER BASED

- Wet Lamination
- Dry Lamination

For Auto, Semi Auto and Manual Machines.

PAPER TO FILM LAMINATION, MONOCOMPONENT PU BASED

- For Steinemann Type Machines.

UV & WATER BASED OVER PRINT VARNISHES

- Full UV Varnishes
- Spot UV Varnishes
- Water Based OPVs
- Heat Seal Varnishes (Both Water and Solvent Based)

For Online & Offline Applications



HOT MELT ADHESIVES FOR BOOK BINDING

- Perfect Book Binding
- Hard Case Making

MISCELLANEOUS HOTMELTS

- Photo Album
- Document Lamination
- Carton Sealing
- Anti Slip Hot Melts for Palletization & Carpet Back Coating

ANIMAL JELLY GLUES

- Hard Case Making
- Rigid Box Making

WATER BASED COLD GLUES

- Book Binding
- Carton Side Sealing & Bottom Side Sealing of Shopping Bags.
- Shipping Carton Forming
- Linear Pasting
- Micro Fluting to Board Pasting
- Envelop & Window Patching

PRESSURE SENSITIVE ADHESIVES (HOT MELTS & WATER BASED)

- Label Stocks
- Holograms

CHEMICRYL

PAPER TO FILM LAMINATION, WATER BASED

Product	Grade	Viscosity, Secs. at 25 °C, B-4 cup	pH	Solids%	Application	Specific Advantages
DRY LAMINATION ADHESIVES FOR BILHOEFER, PAPER PLAST, WEN CHYUAN & FOR GRAVURE COATING m/c's.	DLW 5202(30X)	27 ± 2	8.0 ± 0.5	52 ± 1	All Acrylic Type Products for Lamination of Films like; PET, PVC, BOPP or Aluminium Foil to Paper/Duplex Board at High Speeds of >50 mtr / min.	Result into Better Heat Resistance of Laminate, Performs Better in Pouching. Suitable for Creasing, Embossing, Guttering & Lamination of Dark Substrates with Good Gloss.
	DLW 5202(30X)LV	17 ± 2	8.0 ± 0.5	52 ± 1		
	DLW 5002 (20X)	17 ± 2	8.0 ± 0.5	50 ± 1		
	DLW 4002 (8)	15 ± 2	8.0 ± 0.5	42 ± 1		
WET LAMINATION ADHESIVES FOR SEMI AUTOMATIC M/C's	FL 6055 B	10000 ± 500	8.0 ± 0.5	53 ± 1	Especially for Lamination of PET Film apart from BOPP and PVC with Paper or Duplex Board. Outstanding grade for Creasing, Embossing, Guttering and Lamination of Dark substrates	Suitable for Creasing, Embossing, Guttering and Lamination of Dark Substrate.
	CL-3	2750 ± 250	6.0 ± 1.0	45 ± 2		
	CL-10	5000 ± 1000	6.0 ± 1.0	40 ± 2		
	LM 5022	2250 ± 250	6.0 ± 1.0	50 ± 1	Lamination of Films like BOPP, PVC to Paper or Duplex Board	
	LM 4522	2750 ± 250	6.0 ± 1.0	46 ± 1		
	LM 3522	2500 ± 500	6.0 ± 1.0	35 ± 1		
	LM 3022	1200 ± 300	6.0 ± 1.0	30 ± 1		
FOR HIGH SPEED SEMI-AUTOMATIC LAMINATION M/C's WORKING AT 60 M/Min.	FL 5020 SA	700 ± 100	8.0 ± 0.5	46 ± 1	Lamination of Films like BOPP, PVC to Paper or Duplex Board	

CHEMIFLEX

PAPER TO FILM LAMINATION, MONO COMPONENT PU BASED

Product	Grade	Viscosity, CPS at 100 °C	pH	Solids%	Application	Specific Advantages
SOLVENT LESS MONO COMPONENT POLYURETHANE LAMINATION ADHESIVE (FOR STEINEMANN M/C' s)	CPU 100 M	1200 ± 400	-	99 ± 1	Solvent Less Mono Component PU Adhesive System. Especially used for Film to Paper / Paper to Foil.	Cures with the presence of moisture within 24 - 40 hrs



CHEMIGLOSS & AQUAGLOSS

UV & WATER BASED OVER PRINT VARNISHES

Product	Grade	Viscosity, % at 25 °C	Scuff and revolution at 2.8 kgs	Gloss %	Application	Specific Advantages
UV VARNISHES FOR OFFLINE APPLICATIONS	UVF 400 L	35 ± 5	900 with primer 500 without primer	90±5	For full Over Print Coating of all Types of Printed Paper/ Board on UV Coating M/C's	Water white product. Free of Volatiles with 100 % solids
	UVF 400 Y	35 ± 5	800 with primer 400 without primer	90±5		Light yellow coloured product. Free of volatiles with 100 % solids
	UVF 400 Y 25	35 ± 5	800 with primer 400 without primer	90 ± 5		Light yellow coloured product.
	UVS 600PL	600 ± 100	800 with primer 400 without primer	90±5	Spot UV Varnish on Film through Screen Application	Water white Product. Free of volatiles with 100 % solids
	UVF 600 PR	800 ± 100	800 with primer 400 without primer	90±5	Spot UV Varnish on Paper through Screen	
UV VARNISHES FOR ONLINE APPLICATIONS	UVF 4000 L	4000 ± 200	900 with primer 500 without primer	90±5	Online Full/Spot Over Print Coating of all Types of Printed Paper/ Boards	Water white product. Free of volatiles with 100 % solids
	UVF 4000 Y	4000 ± 200	800 with primer 500 without primer	90±5		Light yellow coloured product. Free of volatiles with 100 % solids
Product	Grade	Viscosity sec in Ford cup (B4)	pH	Solids	Application	Specific Advantages
PRIMER FOR UV VARNISHES	ARC - 4201	25 ± 5	8.0 ± 0.5	42 ± 1	Base Coat for Obtaining High Scuff Resistance in UV Varnish	Usage of Primer Improves Scuff, Gloss and increases Mileage of UV.
WATER BASED OVER PRINT ONLINE APPLICATION VARNISHES	OPV - W35 M	35 ± 5	8.0 ± 0.5	35 ± 2	Over Print Varnish for all Types of Printed Paper and Board.	Exhibits Good Gloss and Scuff
WATER BASED OVER PRINT OFFLINE APPLICATION VARNISHES	OPV - W35	35 ± 5	8.0 ± 0.5	38 ± 2		
OVER PRINT HEAT SEAL COATINGS	HSOPV (W) Water Based	1250 ± 250 cps	8.0 ± 0.5	41 ± 1	Coating on the Printing Surface for Blister Packaging	Exhibits good gloss & good sealing characteristics with PVC Blisters
	HSOPV S 40 Solvent Based	100 ± 10		35 ± 1		
MET PET PRIMER	MPP 4030	30 ± 5	8.0 ± 0.5	38 ± 1	Primer Coat for Printing of Metallized Polyester Laminated Board	Usage of Primer Improves Bonding of Print with the Metalized surfaces.





QUIKLOCK

HOTMELT ADHESIVES FOR BOOK BINDING

Product	Grade	Viscosity, cps, at 150 (°C)	Gluepot Temperature (°C)	Softening Temperature (°C)	Application	Specific Advantages
HOTMELT BOOK BINDING ADHESIVES FOR PERFECT BINDING (FOR MULLER MARTINI, KOLBUS M/C'S)	CH 155 SW	6000 ± 1000	130-150	80 ± 2.0	High GSM Coated Paper with Spine Flexibility	Water White Hotmelt
	CH 155 SW (64)	7500 ± 1000	130-150	80 ± 2.0		Ivory White High Strength
	CH 145 WMF	6500 ± 1000	130-150	82 ± 2.0	Maplitho/ Wood Free Paper with Thick Spine	
	CH 145 WH	7000 ± 1000	130-150	82 ± 2.0	Maplitho Paper with Stitched/ Stappled Spine	
	CH 135 W	5000 ± 1000	130-150	85 ± 2.0	Side Glue for Coated / Maplitho Paper	Excellent Binding with High GSM Coated Paper with Good Spine Flexibility
	CH 135 Y	7000 ± 1000	130-150	80 ± 5.0		
HOTMELT FOR HIGH SPEED HARD CASE MAKING (FOR KOLBUS M/C'S)	CH 9090 HC	5000 ± 1000	140-160	82 ± 3	Suitable for Hard Bound Book Case Making in high speed.	Odour free high shelf life, higher speed of working

QUIKLOCK

MISCELLANEOUS HOTMELTS

Product	Grade	Viscosity, cps, at 150 °C	Gluepot Temperature (°C)	Softening Temperature (°C)	Application	Specific Advantages
HOT MELT FOR DOCUMENT LAMINATION	FC 100 YL/ FC 100 W	4000 ± 500	140 - 160	92 ± 2	For coating of Film for Document Lamination	Higher Mileage and Good Bonding with Paper
	FC100 YF (15)	10000 ± 3000	140 - 160	92 ± 5	Fabric to PET lamination in textile applications	
	FC 100 YH (15)	15000 ± 1000	140 - 160	95 ± 5		Good Flexibility and Bond with Fabric
HOTMELT ADHESIVES FOR CARTON SIDE/ FLAP SEALING	CH 175 F1	2200 ± 300	140 - 160	102 ± 2	For Bonding of Paper to Paper/ Board to Board in Monocartons Side / Flap Sealing as well as Closing / Forming Corrugation Cartons.	Products are Suitable for Longer Working without Choking of Filters in Nozzle Application.
	CH 125 F12 T	900 ± 200	120 - 130	105 ± 5		
	CH 125 FM	500 ± 200	110 - 125	105 ± 5		
	CH 150	5000 ± 1000	140 - 160	75 ± 5		
	CH 205 DF (1)	3000 ± 500	140 - 160	100 ± 5	Varnished/ Laminated LDPE Coated Cartons, Ice-cream and Deep Freeze Carton	
	CH 205 DF (5)	3500 ± 1000	140 - 160	95 ± 5		

QUIKLOCK

ANIMAL JELLY GLUES

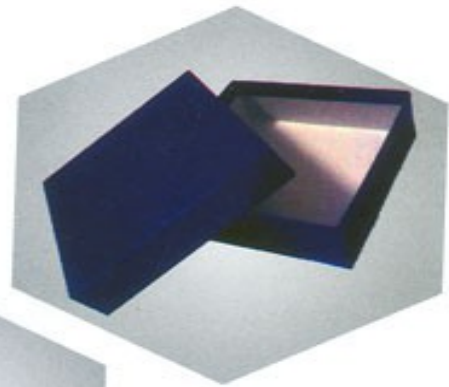
Product	Grade	Viscosity, cps, at 60 °C	Gluepot Temperature (°C)	Softening Temperature (°C)	Application	Specific Advantages
ANIMAL JELLY GLUE FOR HARD CASE/ RIGID BOX APPLICATION (FOR KOLBUS, HAROUF, MEMORY, MEGA BOUND TYPE m/c'S)	GC 3560 F1	4000 ± 1000	60 ± 10	50 ± 3	Animal Glue Series is Suitable for Making of Hard Cover Book Case, Head and Tail Band Pasting & Rigid Box Making.	Light Yellow Colour Product with Low Odour
	GC 3560 F2	2000 ± 500	60 ± 10	50 ± 3		
	GC 3560 W	9000 ± 1000	75 ± 10	50 ± 3		Pigmented White Grade

CHEMICRYL

WATER BASED COLD GLUES

Product	Grade	Viscosity, cps, at 25°C, Brookfield	pH	Solids%	Application	Specific Advantages
COLD BOOK BINDING ADHESIVES FOR CASING IN APPLICATION	SS 6010	7000 ± 1000	5.5 ± 0.5	56 ± 1.0	For Casing in Purpose on Fully Automatic M/C's	Good Bonding with PVC / Laminated Cover with Quick Drying Characteristics.
COLD BOOK BINDING ADHESIVES	WA 40	37500 ± 2500	5.5 ± 0.5	40 ± 1.0	For Manual Paper to Board/ Paper to Paper Pasting	Plasticized Products with Good Flexibility & Quick Drying.
	BDG 54	40000 ± 5000	6.0 ± 1.0	50 ± 1.0	For Book Binding, Paper to Paper/Board Lamination/ Binding.	Plasticized Products with Good Flexibility & Quick Drying.
COLD BINDING ADHESIVES	AC 45 F	20000 ± 2000	6.0 ± 1.0	35 ± 1.0		
	AC 35 F	1400 ± 200	6.0 ± 1.0	36 ± 2.0	Lamination of Corrugation to Board Pasting on Automatic m/c's	Quick Setting Products.
	AC 25F	3000 ± 300	6.0 ± 1.0	23 ± 1.0		
CARTON SIDE/ FLAP SEALING & SHELL PASTING	SS 6010	7000 ± 1000	5.5 ± 1.0	56 ± 1.0	For Side / Flap Pasting of Monocartons / Paperbags on Bobst Type m/c's.	Good Bond Strength in Paper to Laminate Surface.
	SS 6010 L	2000 ± 500	5.5 ± 1.0	56 ± 1.0		
COLD ADHESIVES FOR SHELL PASTING	SP 5109 (0.5)	500 ± 50	5.5 ± 0.5	45 ± 1.0	Cigarette Shell Pasting for GD m/c's	Odour Free Products
	SP 5109(1.0)	900 ± 100	5.5 ± 0.5	50 ± 1.0		
CARTON LINER PASTING ADHESIVES	LP 5210	120000 ± 5000	5.5 ± 1.0	52 ± 2.0	For PET Liner Pasting through Cylinder	Odour Free with Good Bond Strength. Passes Deep Freeze Test
	LP 5210 L	2300 ± 200			For PET Liner Pasting through Nozzle	

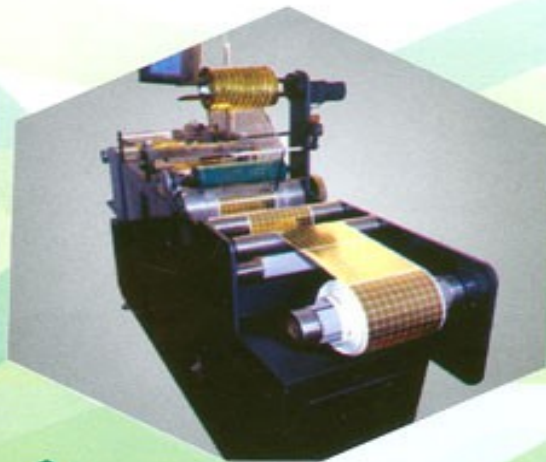
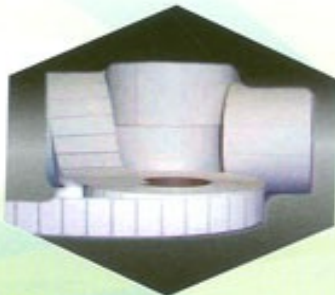




QUIKTACK

PRESSURE SENSITIVE ADHESIVES

Product	Grade	Viscosity cps, at 150°C	Gluepot Temp (°C)	Softening Temp (°C)	Application	Specific Advantages
HOTMELT PRESSURE SENSITIVE ADHESIVES FOR LABEL STOCKS & HOLOGRAM INDUSTRIES	CH 9028 LR	8000 ± 2000	140 -160	88 ± 5	Application in Sanitary Napkins	Non Transferable Adhesive Specially for Sanitary Napkins
	CH 9028 LD	8500 ± 2000	140 -160	90 ± 5		
	CH 9028 L 2	8000 ± 2000	140 -160	77 ± 5	Label Stocks & Holograms	Good Bonding Characteristics With Craft Paper, Plastic, Glass, Metal & Wood Surfaces
	CH 9028 LW	8000 ± 2000	140 -160	77 ± 5		
	CH 9028 L 90	8000 ± 2000	140 -160	95 ± 5		
Product	Grade	Viscosity sec, at 25 °C	pH	Solids%	Application	Specific Advantages
WATER BASED PRESSURE SENSITIVE ADHESIVES	PST 60	28 ± 2	7.5 ± 0.5	59 ± 1	Application in Tapes, Holographic Labels, Stickers, Label Stocks, Envelope Flaps	Good Tack, Non Transferable
	PST 52	16 ± 2	7.5 ± 0.5	52 ± 1		
	PS 5520	1300 ± 200	6 ± 1	52 ± 1		
	PS 5570	7500 ± 500	6 ± 1	52 ± 1		
WATER BASED WINDOW PATCHING ADHESIVES	PS 6535	10000 ± 1000	6 ± 1	55 ± 1	Window Patching	



ADHESIVES & COATINGS FOR FLEXIBLE INDUSTRY

CHEMLINE manufactures complete range of adhesives & coatings for the Paper / Foil / PVC / BOPP/ PET / all other film laminates for flexible packaging & converting industry which includes:

POLYURETHANE SOLVENT BASED LAMINATION ADHESIVES

- TDI FREE Grades for High Performance, General Purpose & Retort Application
- Low Viscosity, Direct Mix & Use
- No Dilution with Solvent
- Low Grammage Application with High bond Strength



POLYURETHANE SOLVENT FREE LAMINATION ADHESIVES

Mono - Component

- Paper To Al Foil / Film

Bi - Component

- Paper To Al Foil, Film To Film



ALL ACRYLIC WATER BASED LAMINATION ADHESIVES

Dry Lamination

- For Gravure Coating M/c's
Paper To Al Foil / Film, Film To Film

Wet Lamination

- Paper To Al Foil / Film



ADHESIVE FOR PAPER METALLIZATION

- Metal Transfer From MET-PET To Paper
- Base Coat For Direct Metalization of Paper

RELEASE LACQUER

- Transfer Metalization
- Holograms



HEAT SEAL COATINGS – POUCH MAKING

- Solvent Based – Al Foil To Al Foil / Paper To Paper
- Water Based – Al Foil To Al Foil / Paper To Paper



HEAT SEAL COATINGS – PHARMA BLISTER PACKAGING

- Al Foil To PVC
- Al Foil To Al Foil



HOTMELT HEAT SEAL COATINGS FOR PAPER

- Soap Wrapper Coatings
- Lamination Wax
- Toffee Wrapper Coatings

COLD SEAL COATINGS

- Chocolate / Ice Creams
- Pharma Products

OVER PRINT VARNISHES FOR GRAVURE COATINGS – PAPER

- Solvent Based
- UV Varnishes
- Water Based



CHEMIFLEX

POLYURETHANE SOLVENT FREE LAMINATION ADHESIVES

Product	Grade	Viscosity, cps	Solids %	Application	Specific Advantages
SOLVENT LESS MONO AND BI COMPONENT POLYURETHANE LAMINATION ADHESIVE	CPU 100 (NCO)	2000 ± 1000 40 °C	99 ± 1	Solvent Less two component PU Adhesive system, suitable for film to film / foil lamination Used in the ratio of 100 : 60 parts on high speed m/c's like Nordmeccanica	Gives good bond strength with speckling free result at 2 - 2.5 gsm
	CPU 100 (OH)	1000 ± 500 25 °C	99 ± 1		
	CPU 100 M	1200 ± 400 100°C	99 ± 1	Solvent Less Mono Component PU Adhesive System. Especially used for Film to Paper / Paper to Foil.	Cures with the presence of moisture within 24 - 40 hrs

CHEMIFLEX

POLYURETHANE SOLVENT BASED LAMINATION ADHESIVES

Product	Grade	Viscosity	Solids %	Application	Specific Advantages
SOLVENT BASED POLYURETHANE LAMINATION ADHESIVE	CPU 80	5000 ± 1000 cps	80 ± 2	Medium to high performance adhesive for bonding of substrates like PET, MPET, BOPP films, aluminium foil and paper substrates etc.	TDI free adhesive best suited for food packaging, suitable for hotfilling applications like ketchups etc. & packaging of aggressive products like detergents, shampoos, alcohols etc.
	HD 75 N	26 ± 4 sec	75 ± 2		
	CPU 601 N	16 ± 3 sec	60 ± 2	Ultra high performance adhesive for bonding various substrates like PET, MPET, BOPP, CPP, LLDPE, PE, PS films , aluminium foil and paper substrates etc.	TDI free economical adhesive best suited for food packaging, no further dilution with solvent, ready to use, low grammage application with high bond strength.
	CPU 401 H	14 ± 2 sec	40 ± 2		

CHEMICRYL

ALL ACRYLIC WATER BASED LAMINATION ADHESIVES

Product	Grade	Viscosity	Solids%	pH	Application	Specific Advantages
DRY LAMINATION ADHESIVES FOR GRAVURE COATING m/c's.	DL 5502 (HV)	5000+1000 cps	55 ± 1	4.0 ± 6.0	All Acrylic Type Products for Lamination of Films like, PET, PVC , CPP, BOPP or Aluminium Foil to Paper at High Speeds of >200 mtr / min.	Result into Better Heat Resistance of Laminate, Performs Better in Pouching. Excelent result in Metal Transfer From MET-PET To Paper
	DL 5502 (LV)	22 ± 3 sec	41 ± 1	4.0 ± 6.0		
	DL 5202 (30X)	27 ± 2 sec	52 ± 1	8.0 ± 0.5		
	DL 4202 (30X)	17 ± 2 sec	42 ± 1	8.0 ± 0.5		

CHEMIFLEX

RELEASE LACQUER/ PRIMER FOR PET

Product	Grade	Viscosity, secs, at 25 °C	Solids %	Application	Specific Advantages
RELEASE LACQUER	RC 30	22 ± 3	30 ± 1	Coating on PET for transfer metalisation	Good releasing property
PRIMER FOR PET	RC 40 W	20 ± 5	42 ± 2	Water Based	
	MPP 4030	30 ± 5	41 ± 2	Primer for Permanent Metallization	Passes Tape Test



CHEMISEAL

HEAT SEAL COATINGS – POUCH MAKING / PHARMA BLISTER PACKAGING

Product	Grade	Viscosity, sec, at 25 °C	Solids %	Application	Specific Advantages
HEAT SEAL LACQUER FOR AL FOIL / GLASSINE PAPER	CHSL 25	85 ± 10	20.5 ± 0.5	Used for coating of AL Foil/ Glassine Paper for Blister Packaging of Pharma Tablets and other Products. Used for AL foil to AL Foil, AL Foil to PVC/ MET Paper to Paper, MET Paper/ Paper to Paper sealing application.	Solvent Based heat seal coating with good Sealing
	CHSL 30 F3	80 ± 10	23 ± 2		High speed sealing
	CHSL W	25 ± 5	45 ± 2		Ecofriendly water based solvent free product with good Sealing characteristics.

CHEMISEAL

HOTMELT HEAT SEAL COATINGS FOR PAPER

Product	Grade	Viscosity cps, at 150 (°C)	Softening Temp(°C)	Gleupot Temp(°C)	Application	Specific Advantages
HOT MELT SOAP WRAPPER COATING	SWC 25 LH (3)	2000 ± 300	80 ± 5	140 ± 160	For Inner Coating & Heat Sealing of Soap & Chocolate Wrapper.	Seals at Low GSM at Higher Speeds
	SWC 25 LH	1800 ± 500	80 ± 3	140 ± 160		
WAX COATING FOR PAPER / TOFFEE WRAPPER	PCW 104	1200 ± 100	105 ± 3	140 ± 160	Toffee Wrapper for Moisture / Water Impermeable Characteristics	Food Grade Products
LAMINATION WAX	CH 850 LY	100 ± 20 Sec	110 ± 5	120-130	For Butter Packing	Oil & Water Resistance
	CH 850 LW	80 ± 20 Sec	110 ± 5	120-130		
	CH 850 LD	180 ± 40 Sec	105 ± 5	120-130		

CHEMISEAL

COLD SEAL COATINGS

Product	Grade	Viscosity cps, at 25(°C)	Softening Temp(°C)	Gleupot Temp(°C)	Application	Specific Advantages
COLD SEAL COATING	CSC 4311	1500 ± 200	39 ± 1	—	Coating on inner surface of the Plain / Metalized PET/ BOPP / FILM or Paper or Board	Specially applied for Chocolate, Ice Creams and Toffee Wrappers

CHEMISEAL

OVER PRINT VARNISHES FOR GRAVURE COATINGS – PAPER

Product	Grade	Viscosity sec, at 25 °C	Solid %	Scuff	Gloss	Application
SOLVENT BASED OVER PRINT VARNISHES	OPV S 25 (H)	22 ± 2	30 ± 2	350 ± 50	85 ± 5	Over Print Coating of all types of Printed Paper and Boards. (For Gravure Coating m/cs)
Product	Grade	Bulk Density	Mixing Ratio	Viscosity (25% Solids)	Gloss	Application
ACRYLIC COPOLYMER RESIN POWDER	CR 40 (4)	0.45 ± 0.05	25 Parts Resin with 75 parts EA	20 ± 5 sec	85 ± 5	Over Print Resin of all types of Printed Paper & Boards (For Gravure Coating m/cs)



ADHESIVES FOR BOTTLE LABELLING

CHEMLINE manufactures complete range of Adhesives for Bottle Labelling Industry which includes:

BREWERIES

DISTILLERIES

FOOD

PHARMA

BEVERAGES



**For High Speed / Semi Automatic
& Manual Machines**

CHEMIGUM

BREWERIES

Product	Grade	Viscosity cps, at 25 °C	pH	Solids %	Application	Specific Advantages
ICE WATER RESISTANT LABELLING ADHESIVES FOR BREWERIES	9030 IWR	1,20,000 ± 20000	6.5 ± 1	22 ± 2	Labelling & Foiling of beer bottles on high speed Labelling m/c's like KRONES, KHS etc. Ice Water Resistance upto 3 to 7 days after 48 hours of curing on metallized labels	Products with good drying and suitable for 40,000 BPH m/c's with no splashing.
	6510 IWR / UB 7020	1,40,000 ± 10000	6.0 ± 1	23 ± 1		Suitable for 25,000 BPH m/cs.
	6510 IWR H	1,15,000 ± 10000	6.0 ± 1	22.5 ± 1		Product possessess high wet tack & suitable on 25000 BPH m/cs
	6510 IWR- C	90,000 ± 10000	6.0 ± 1	22 ± 1		





CHEMIGUM DISTILLERIES & FOOD

Product	Grade	Viscosity cps, at 150 °C	pH	Solid %	Application	Specific Advantages
COLD LABELLING ADHESIVE FOR DISTILLERY & PROCESSED FOOD INDUSTRY	TG 9030	1,20,000 ± 20000	6.5 ± 1	22 ± 1	For high & Slow Speed Pump type Automatic m/c's	Water White Transparent Adhesives suitable for high humid conditions & excellent bonding with glass .
	TG- 2210 F	1,50,000 ± 20000	6.0 ± 1	22 ± 1		
	TG 2250 F	1,20,000 ± 20000	6.0 ± 1	23 ± 3.0	For manual / hand gumming m/c's	Products possess condensation & water resistance after curing for 24 hrs.
	TG- 1550 F	11500 ± 500	8.0 ± 1	7 ± 0.5		
	4560	140000 ± 20000	6.0 ± 1	23 ± 1		
	AP 2X	145000 ± 20000	6.0 ± 1	37 ± 3	For automatic pot type m/c's	Adhesives with brownish tinge with Excellent Wet tack, with good bond with Glass.
	AP 1X / 3520	105000 ± 20000	6.0 ± 1	36 ± 3	For high speed pump type auto m/c's	
AP 3505/ 3510	60000 ± 10000	6.0 ± 1	33 ± 3	For slow speed pump type auto m/c's		

CHEMIGUM PHARMA

Product	Grade	Viscosity cps, at 150 °C	pH	Solid %	Application	Specific Advantages
COLD LABELLING ADHESIVE FOR PET & HDPE BOTTLES	PL 100 X6 HD	155000 ± 10000	6.0 ± 1.0	51 ± 1	Used for Paper to PET / HDPE Bottle Labelling on Auto m/c's	Suitable for Paper to PET Bottles on Pump /Pot type machines. Products are stain free and fast drying.
	PL 100 X6	155000 ± 10000	6.0 ± 1.0	50 ± 1		
	PL 100 X3	140000 ± 10000	6.0 ± 1.0	40 ± 1		for HDPE Bottles on Pot type machines.
	PL 100 X3T	125000 ± 5000	5.0 ± 1.0	49 ± 2		For manual / gumming machines
	PL 100T	6000 ± 2000	6.0 ± 1.0	38 ± 2		

CHEMIGUM BEVERAGE

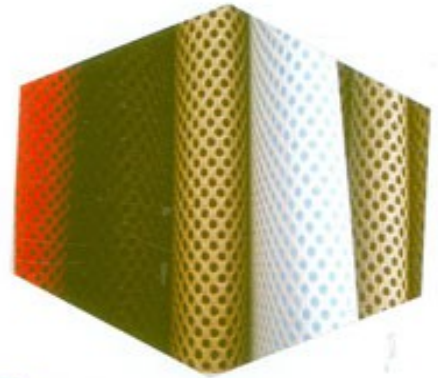
Product	Grade	Viscosity cps, at 150 °C	Softening Pt. (°C)	Solid %	Application	Specific Advantages
HOT MELT ADHESIVES FOR PET BOTTLE LABELLING FOR BEVERAGE INDUSTRY	CH 9026 LF 23 Y	600 ± 100	140 -160	62 ± 3	Labelling of PET bottles for Beverage and Mineral water Industry.	It has good bonding with PE film and Paper labels with PET Bottles
	CH 9026 LF 23 T	700 ± 100	140 - 160	78 ± 2		

ADHESIVES FOR SHOE INDUSTRY

HOTMELT LAMINATION

POLY URETHANE

RUBBER



QUIKLOCK

ADHESIVES FOR SHOE INDUSTRIES

Product	Grade	Viscosity cps, at 150 (°C)	Gluepot Temp (°C)	Softening (°C)	Application	Specific Advantages
HOTMELT FOR SHOE FABRIC LAMINATION ADHESIVES	SFL 89 TF	4500 +1000	150 - 160	87 + 2	Used in Shoes Fabric Lamination	Water White
	SFL 89 YF	5500 +1000	150 - 160	89 + 2		Light Yellow
Product	Grade	Viscosity cps, at 25 °C	Gluepot Temp (°C)	Solid %	Application	Specific Advantages
SYNTHETIC RUBBER BASED ADHESIVES	PU 900	800 ± 300	-	12 ± 2	Various bonding application in Shoe manufacturing	Good bonding between EVA, Leather, textile & PVC etc.
	SR- 700 SP	300 ± 100	-	17 ± 1		
	SR- 800 SP	900 ± 300	-	17 ± 1		

ADHESIVES FOR HYGIENE & PHARMA INDUSTRY

SANITARY NAPKINS

DIAPERS



QUIKLOCK

ADHESIVES FOR HYGIENE, SANITARY NAPKINS & PHARMA APPLICATION

Product	Grade	Viscosity cps, at 150 °C	Gluepot Temp °C	Softening (°C)	Application	Specific Advantages
HOTMELT PRESSURE SENSITIVE ADHESIVES FOR HYGIENE & SANITARY NAPKINS INDUSTRIES	CH 9028 LR	8000±2000	150 -170	88 ± 5	Application in Sanitary Napkins & Baby Diapers (Construction and Positioning)	Removable Adhesive Specially for Sanitary Napkins & Diapers
	CH 9105 J 2 A	3300 ± 500	140 -160	72 ± 2		Pale White Adhesives With Good Bond Strength Between PE Film & Non Woven Fabric
	CH 9105 TW	6000 ±2000	150 -170	83 ± 5	Forming of Skin Plaster	Transparent White Adhesive

SPECIALITY HOTMELTS & OTHER ADHESIVES

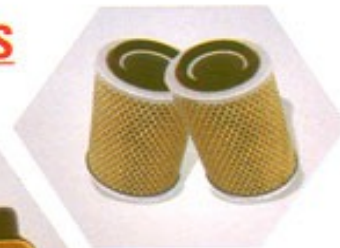
HOT MELTS FOR SOFT BAGGAGE INDUSTRIES

AIR FILTERS

PALLETISATION/CARPET BACK COATINGS

SIDE SEALING OF WOVEN POLYPROPYLENE BAGS

PACKAGING TAPES



QUIKLOCK

ADHESIVES FOR PALLETISATION/CARPET BACK COATING

Product	Grade	Viscosity cps, at 150 (°C)	Gluepot Temp(°C)	Softening (°C)	Application	Specific Advantages
HOMELT FOR CARPET BACK COATING	AS 3090 Y	18000 ± 4000	140 - 160	85 ± 5	Used for back coating of carpets for anti slip application	No adhesive transfer and long usage

QUIKLOCK

HOTMELT ADHESIVES FOR AIR AND AUTOMOTIVE FILTER

Product	Grade	Viscosity cps, at 150 (°C)	Gluepot Temp(°C)	Softening (°C)	Application	Specific Advantages
AIR AND AUTOMOTIVE FILTER	CH 9105 J 2 AY	3000 ± 500	140 -160	105 ± 5	Bonding of Filter Paper to Paper in Air Filters	Water White with Good Flexibility and Bonding characteristics
	CH 130 NW (1)	1500 ± 500	130 -140	75 ± 5	Bonding Metal Mesh & Non Woven Fabric	

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HOTMELT ADHESIVES FOR SOFT BAGGAGE INDUSTRIES

Product	Grade	Viscosity cps, at 150 (°C)	Gluepot Temp(°C)	Softening (°C)	Application	Specific Advantages
HOTMELT FOR FABRIC LAMINATION FOR SOFT BAGGAGE INDUSTRIES	SFL 89 TF	4500 ± 1000	150 - 160	87 ± 2	Used in Baggage Lamination	Water White
	SFL 89 YF	5500 ± 1000	150 - 160	89 ± 2		Light Yellow

HOTMELT ADHESIVES FOR SIDE SEALING OF WOVEN POLYPROPYLENE BAGS

Product	Grade	Viscosity cps, at 150 (°C)	Gluepot Temp(°C)	Softening (°C)	Application	Specific Advantages
HOTMELT ADHESIVE FOR SIDE SEALING OF PLASTIC BAGS	CH 9028 SS	35000 ± 5000	180 ± 185	140 ± 5	Suitable for Side Sealing of Polypropylene, HDPE Bags through Nozzel Application	Gives Strong bonding between PP to coated PP, passes minimum of 10 drops from 6-8 ft. height. (25kg Sand Bags) Temperature resistance -20°C to +60°C.

QUIKTACK

PACKAGING TAPES

Product	Grade	Adhesive Thickness	Adhesion Strength	Tensile Strength	Application	Specific Advantages
BOPP TAPE/ PACKAGING TAPE	QUIKTACK	22 - 27 gsm	650 - 700	7.5 - 9.0	Sealing of cartons in various packaging applications	Good bonding with Craft Paper





GLOBAL PRESENCE



Chemline India Ltd. F1, Sarada Chamber-1, Central Market, Prashant Vihar, Rohini
Delhi-110085 (INDIA) Ph : 91-11-27555999 (6 Lines), Fax : 91-11-43852186

Enquiry from India (Bottle Labelling) : sales@chemlineglobal.com

(Graphic Arts Products) : sales2@chemlineglobal.com

(Flexible Packaging Products) : sales3@chemlineglobal.com

Enquiry from Countries other than India : exports@chemlineglobal.com

Other Miscellaneous Mails : info@chemlineglobal.com