



**Flexible Packaging**

# BONDING TOGETHER

## 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 customers 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



# Index

**Pg.**

**6**

**Solvent Free & Solvent Based PU Lamination Adhesives**

**Pg.**

**7**

**Acrylic Water Based Lamination Adhesives**

**Pg.**

**7**

**Water Based & Solvent Based Coatings For  
Al. Foil to Al Foil Sealing & Other Applications**

**Pg.**

**8**

**UV Coatings**

**Pg.**

**8**

**Water Based Adhesive, Release Coating & Primer  
Coating for Transfer Metallisation**

**Pg.**

**9**

**Hotmelt & Water Based Pressure  
Sensitive Adhesive For Holograms**

## LAMINATION ADHESIVES

Chemline manufactures full range of Solvent free & Solvent Based Polyurethane Adhesives under the brand name CHEMIFLEX®, which are successfully running on machines like Nordmeccanica, Expert, Pelican, Futura, Kohli, Narendra etc



Product	Grade	Viscosity, cps	Solid %	Application	Specific Advantages
Solvent Free BI-Component PU Lamination Adhesive	CPU 100 BC (NCO)	3000+1000, 40°C	100	<ul style="list-style-type: none"> <li>For general to medium performance applications.</li> <li>Used in the Ratio of 100:60 parts for LLDPE &amp; 100:70 Parts for metallized films on High Speed Machines.</li> <li>For making laminates of films like Al Foil, PET, BOPP, LDPE, CPP, MET BOPP, MET PET, MET CPP etc.</li> </ul>	<ul style="list-style-type: none"> <li>Best suited for Food Packaging.</li> <li>Gives Good Bond Strength with Speckling Free Result.</li> <li>Good Heat Sealing &amp; Resistance Properties.</li> <li>Formulated as per FDA Regulations.</li> <li>Suitable for lamination of light color printed substrates with MET-PET.</li> </ul>
	CPU 100 BC (OH)	1000+200, 25°C	100		

Product	Grade	Viscosity, cps	Solid %	Application	Specific Advantages
Mono-component Solvent Free PU Lamination Adhesive	CPU 100 M (12)	1200±400, 80°C	100	Lamination of Paper To Al Foil / Various Films like PET, MET PET, CPP etc.	<ul style="list-style-type: none"> <li>Cures with Presence of Moisture within 24-40 hrs.</li> <li>Suitable for Lamination at High Speeds</li> </ul>

Product	Grade	Application	Viscosity, cps at 25°C	Solid %	Specific Advantages
Solvent Based Polyurethane Lamination Adhesives	CPU-60(NCO)	Retort Grade	600 ± 200 cps	60 ± 2	<ul style="list-style-type: none"> <li>Suitable for hot filling applications like Ketchups &amp; Aggressive Products like shampoo, spices etc.</li> </ul>
	CPU-50(OH)	Mixing Ratio - 100:4	15 ± 2 sec	50 ± 1	
	CPU-66	Medium Performance	6000 ± 1000 cps	66 ± 1	<ul style="list-style-type: none"> <li>Suitable for Aggressive Products like shampoo, spices etc.</li> <li>Can be Used in General purpose application at low coating weights with higher mileage.</li> </ul>
	HD-75	Mixing Ratio - 100:15	1200 ± 300 sec	75 ± 2	
	CPU-80	General Performance	9000 ± 1000 cps	80 ± 2	<ul style="list-style-type: none"> <li>Best Suited for food packaging.</li> <li>Formulated as per FDA Regulations</li> </ul>
	HD-75	Mixing Ratio - 100:15 for HDPE/LDPE films, 100:12 for Metalize films	1200 ± 300 cps	75 ± 2	

ACRYLIC WATER BASED LAMINATION ADHESIVES

- Provides excellent bonding of Al.Foil, PET, MET PET, MET BOPP, PVC, BOPP, CPP with Paper.
- Used for making Liners, Gutkha/Pan Masala Pouches, Non-tearable paper etc.

Product	Grade	Viscosity	Solid %	pH	Application	Specific Advantages
Adhesives For DRY & WET Lamination	DL 4509 N	17±2 secs	43±1.0	7.0±0.5	For lamination of paper To AL Foil at high Speed of > 200 mtr/min	▶ Results into Better Heat Resistance of Laminates. ▶ Faster bond formation ▶ Performs better at pouching speeds of >2500 pouches/min ▶ Application System can be cleaned by use of water.
	DL 4509 N(30)	17±2 secs	43±1.0	8.0±0.5	For lamination of films like PET, MPET, MCP, BOPP, AL FOIL to Paper at high speeds of >200 mtr / minute	
	DL 6303E	22±3secs	42±1.0	5.0±1.0		
	HD 302 (Hardener)	1500-3000 cps	99-100		1.5-2% to be mixed with adhesive	▶ Improves Heat Resistance of Laminates

AQUASEAL - WATER BASED HEAT SEAL COATING

- Environment Friendly as it is Water Based
- For Al-Foil to Al-Foil Sealing, Paper to Paper Sealing
- Can be applied by Normal Gravure Coater.
- Good Seal ability between wide range of temperatures

Product	Grade	Viscosity, at 25°C	Solid%	Application	Specific Advantages
Heat Seal Lacquer For AL Foil to AL Foil, Paper to Paper Sealing	HT 3900	40±20 sec	30±1	Water based heat seal coating	<ul style="list-style-type: none"><li>► Suited for High Speed Sealing of Pouches</li><li>► Suited for making pharma blisters</li><li>► SIT:70°C</li><li>► No Blocking, Good Sealing</li></ul>
	CHSL30F3	70±10 sec	23±2	Solvent based heat seal coating	<ul style="list-style-type: none"><li>► Good Sealing strength in AL foil to AL foil &amp; paper to paper sealing</li></ul>



ULTRAGLOSS® & CHEMIGLOSS®



UV/OVER PRINT COATINGS  
FOR PAPER & AL-FOIL

- ▶ Benzophenone free UV Coating.
- ▶ Excellent Gloss and Scuff Resistance.
- ▶ Low Migration Property.
- ▶ Fast curing and Good Heat Resistivity.
- ▶ No Foaming at high speed and provides Colorless coating without any yellow tinge on coated paper.
- ▶ UV Coating is preferable for offline UV Coater while solvent based OPV coating can be done online while printing

Product	Grade	Viscosity, cps at 25°C	Scuff @ 2 lbs/sq. (Revolutions)	Gloss at 60°C by Novo Meter	Specific Advantages
UV Coating	UVF 400 L 303	40 ± 5 sec.	Approx. 800 (On Printed paper) Approx. 400 (On Al. Foil)	85±5	▶ Good HR properties. ▶ Odorless UV for all types of papers with good gloss. ▶ No Residual Tack. ▶ No Foaming at High Speeds of 150 mtr/min. ▶ Good Anchoring on all types of printed paper/Al-Foil
	UV 400 LSF	40 ± 5 sec.		90±5	
Solvent Based Over Print Coating	OPV S 25 (N)	35 ± 5 sec.	-	45-55	

CHEMICOAT® & AQUACOAT®

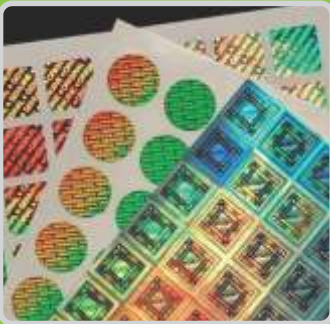
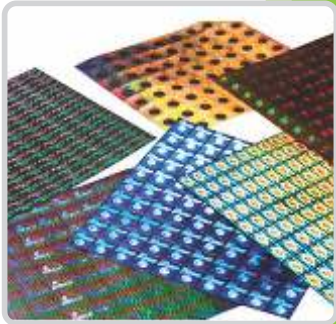
- ▶ Good for Release Coating on PET Films for Transfer Metalization, Holography & Printing on Paper.
- ▶ Primer Coating for PET and Paper for Permanent Metallization.
- ▶ Primer Coating also enables MET-PET Films to be UV Ink printable.



Product	Grade	Application	Specific Advantages
Solvent Based Release Lacquer	RC 30	▶ Coating on PET Film for Transfer Printing on paper. ▶ Transfer Metallization on Paper/ Paper Board (TMP)	▶ Good Releasing Property. ▶ Compatible for printing with water based and solvent based inks
	RC 36S		▶ Good Releasing Property ▶ Compatible for printing with <b>UV ink for self adhesive</b> label, water based and solvent based ink.
	RC 33S		▶ Eco Friendly
Water Based Release Lacquer	RC 30W	▶ Metallized Holographic Transfer on Paper/Paper (HTMP)	▶ Good Releasing property ▶ Compatible for printing water based and solvent based inks.
Primer For Met Pet & Paper	MPP 4030	▶ For Printing UV inks on MET PET/MET Paper	▶ Improves bond strength & printability on metallised surfaces

# PRESSURE SENSITIVE ADHESIVES

Chemline manufactures wide range of Pressure Sensitive Adhesives suitable for application in BOPP Packaging Tapes, Holographic Labels, Stickers, Label stocks, Protective Films, Envelope Flaps and other Allied uses.



Product	Grade	Viscosity, at 25°C	pH	Solid %	Application	Specific Advantages
Hotmelt Pressure Sensitive Adhesives	CH9028 L81	8000±2000 cps	-	-	► Suitable for Label Stocks, courier bags ► Suitable for Holograms, Industrial tapes	► Fast melting ► Quick Bond formation ► Minimal Odour
	9028 L12 FR	15000±3000 cps				
Water Based Pressure Sensitive Adhesives	PST 52	16±2 secs	7.0±0.5	52±1	► Suitable for Self Adhesive BOPP Tape & Holographic Labels.	► Good Tack ► Non transferable
	PST 55 HT	19±2 secs	7.0±0.5	54±1		
	PS 5570	7000±2000 cps	5.0±1.0	54±1	► Suitable for Stickers, Label Stock & Envelop Flaps	► Easy Removable ► Gives totally non-transferable and clear adhesive coating ► Protects surfaces from foreign particles like dust
	PST 55 PF	23±3 secs	7.0±0.5	54±1	► Suitable for manufacturing of protective Polyethylene Films to be used on polycarbonate, acrylic, glass and other surfaces	
Solvent Based Pressure Sensitive Adhesives	PS 6520 (S)	2500±500 cps	-	50±2	► Suitable for Medical / Foam / Cloth /HDPE Tapes, Label Stocks & Stickers.	► Non-transferable ► Clear adhesive coating ► Clean removability.

## NOTES

This image shows a full page of a handwriting practice worksheet. It consists of multiple rows of horizontal dashed lines spaced evenly down the page, providing a guide for letter height and placement. The background is plain white, and there are no margins or additional markings.



## Chemline India Ltd.

F-1, Sarda Chamber-1, Central Market,

Prashant Vihar, Rohini,

Delhi-110085 (INDIA)

Ph : +91-11-27555999 (6 Lines)

Fax : +91-11-27555992

Website : [www.chemlineglobal.com](http://www.chemlineglobal.com)

### For Barrier Coatings & Papers/Boards Products :

[barrierpapersales@chemlineglobal.com](mailto:barrierpapersales@chemlineglobal.com)

### Enquiry For Bottle Labelling :

[sales@chemlineglobal.com](mailto:sales@chemlineglobal.com)

### For Graphic Arts Products :

[sales2@chemlineglobal.com](mailto:sales2@chemlineglobal.com)

### For Flexible Packaging Products :

[sales3@chemlineglobal.com](mailto:sales3@chemlineglobal.com)

### For Speciality Hotmelts :

[hmsales@chemlineglobal.com](mailto:hmsales@chemlineglobal.com)

### For Label Stocks

[labelstocksales@chemlineglobal.com](mailto:labelstocksales@chemlineglobal.com)

### Enquiry from Countries other than India :

[exports@chemlineglobal.com](mailto:exports@chemlineglobal.com)

### Other Miscellaneous Mails :

[info@chemlineglobal.com](mailto:info@chemlineglobal.com)