



TEXTILE CHEMICALS

PRODUCT GUIDE
BINDERS & HARDENERS

1.0 PIGMENT PRINTING BINDERS

PRODUCT	SOLID ± 1 %	PH	VISCOSITY	APPEARANCE	APPLICATION
CHIRITEX 3000	30	7.0-9.0	40-80	Bluish White	An economical binder suitable for pigment printing
CHIRITEX 4840	40	7.0-9.0	80-120	Milky White	A product for brilliant prints, excellent fastness result with softness on fabric
CHIRITEX ET ECO FF	38	7.0-9.0	0.1-5.0	Bluish White	An excellent ZERO Formaldehyde binder suitable for pigment printing
CHIRITEX ET VS	38	7.0-9.0	5.0-20.0	Bluish Transparent	A binder suitable for pigment printing with better softness and washing fastness
CHIRITEX FJN	45	7.0-9.0	500-800	Bluish White Paste	Specially developed for jari, pearl and silver printing on textile fabrics
CHIRITEX- JB 51	51	4.0-6.0	0.1-5.0	Milky White	Specially developed for jari, pearl and silver printing on textile fabrics & Excellent stretchability binder
CHIRITEX HS ECO	55	7.0-9.0	5.0-15.0	Bluish White	A high solid binder for pigment printing which gives superior fastness results
CHIRITEX NB 60	38	7.0-9.0	0.1-5.0	Bluish Transparent	A Self cross-linking acrylic emulsion which combines soft, durable film properties with excellent thermal and mechanical stability.
CHIRITEX NE 30	34	7.0-9.0	5.0-15.0	Bluish White	An excellent binder suitable for pigment printing
CHIRITEX PBA	40	5.0-7.0	0.1-5.0	Milky White	An excellent binder, suitable for pigment printing with excellent fastness and a soft handle.
CHIRITEX PBN	38	7.0-9.0	0.1-5.0	Bluish White	A excellent binder suitable for direct and discharge pigment printing
CHIRITEX-5401	40	7.0-9.0	5-20	Bluish White	An excellent binder, suitable for pigment printing with excellent fastness and used in both direct and discharges pigment printing.
CHIRITEX TX 44	55	4.0-6.0	0.1-5.0	Milky White	An excellent self-emulsifying binder suitable for pigment printing
CHIRITEX SPB	38	4.0-6.0	0.1-5.0	-	An economical APEO FREE binder, suitable for direct pigment printing.
CHIRITEX SA 38	38	7.0-9.0	0.1-5.0	Bluish White	An excellent binder suitable for pigment printing
CHIRITEX SF 44	45	7.0-9.0	0.1-5.0	Bluish White	A superior binder to bind pigment for durable print with quality and workability.
CHIRITEX XSB	40	4.0-6.0	0.1-5.0	Bluish White	A premium and super soft binder suitable for pigment printing with excellent results
CHIRITEX EDB	35.5	6.8-8.0	0.1-5.0	Milky White	An excellent soft dyeing binder with extraordinary results.
CHIRITEX ET ECO	38	7.0-9.0	5.0-15.0	Bluish White	An excellent binder suitable for pigment printing

2.0 FABRIC GLUE BINDERS

CHIRITEX 2050	50	7.0-9.0	800-1000	Bluish White Paste	A premium paste for stone binding with fabric for softness and superb adhesion
CHIRITEX 2045	45	7.0-9.0	800-1000	Bluish White Paste	A premium paste for stone binding with fabric for softness and superb adhesion
CHIRITEX 2434	40	7.0-9.0	800-1000	Bluish White Paste	A premium paste for stone binding with fabric for softness and superb adhesion
CHIRITEX 3000	50	7.0-9.0	800-1000	Bluish White Paste	Fabric glue for stone binding with a very soft handle in addition to high adhesion properties
CHIRITEX- FG 35	35	7.0-9.0	500-700	Milky White Paste	An economical excellent paste for stone binding with a soft handle and good adhesion
CHIRITEX 5040 T	50	7.0-9.0	800-1000	Bluish White Paste	Fabric glue for stone binding with a very soft handle, high adhesion properties & Excellent Transparency.
CHIRITEX 2200	40	7.0-9.0	800-1000	Bluish White Paste	An excellent paste for stone binding with a soft handle and good adhesion

3.0 KHADI, FOIL, PEARL & GOLD BINDERS

PRODUCT	SOLID ± 1%	PH	VISCOSITY	APPEARANCE	APPLICATION
CHIRITEX 4900	45	2.0-4.0	0.1-5.0	Bluish White	A premium binder for jari, pearl and pigment printing. Can be used in khadi.
CHIRITEX 4922 ECO	24	5.0-8.0	40-80	Milky White	A superior binder for gold and silver prints with a very soft handle in addition to high brightness properties
CHIRITEX- GB 22	24	5.0-8.0	30-80	Bluish White	A superior binder for gold and silver prints with a very soft handle in addition to high fastness properties & Economical binder.
CHIRITEX 4940	40	5.0-8.0	40-80	Milky White	A superior binder for gold and silver pearl prints with a very soft handle in addition to high fastness properties
CHIRITEX 7840	40	7.0-9.0	0.1-5.0	Bluish White	A premium binder for khadi with the non-tacky film
CHIRITEX FB 500	50	7.0-9.0	300-350	Milky White Paste	An excellent binder suitable for foil printing
CHIRITEX FB 400	40	7.0-9.0	250-350	Milky White Paste	An excellent binder suitable for foil printing
CHIRITEX K4	45	7.0-9.0	80-120	Bluish White Paste	An excellent binder suitable for khadi printing
CHIRITEX- PBA(L)	45	7.0-9.0	80-120	Bluish White Paste	An excellent binder suitable for khadi printing & to form smooth paste
CHIRITEX RBC ECO	45	7.0-9.0	5.0-15.0	Bluish White	A with APEO FREE binder suitable for carbonized khadi printing

4.0 FLOCK BINDERS

CHIRITEX 16 ECO	45	2.0-4.0	0.1-5.0	Bluish White	A hard binder for a high loft wadding/padding, flocking and interlining
CHIRITEX 3699	45	4.0-6.0	0.1-5.0	Bluish White	The economical flocking binder gives a medium soft feel with good abrasion.
CHIRITEX FL 15	45	7.0-9.0	5.0-15	Bluish White	A medium hard binder for flocking which gives high abrasion
CHIRITEX FL 85	45	7.0-9.0	0.1-5.0	Bluish White	A self-cross-linking flocking binder that exhibits a soft feel with better abrasion. Suitable for rotary screen printing.
CHIRITEX FL 87	45	2.0-4.0	0.1-5.0	Bluish White	High-quality binder for flocking with a super soft finish and excellent abrasion. Can be used in fabric-to-fabric bonding
CHIRITEX FL 87 ECO	45	2.0-4.0	0.1-5.0	Bluish White	High-quality binder for flocking with a super soft finish and excellent abrasion. Can be used in fabric-to-fabric bonding
CHIRITEX FL 90	45	4.0-6.0	0.1-5.0	Bluish White	The economical flocking binder gives a medium soft feel
CHIRITEX FL 101	45	7.0-9.0	5.0-15	Bluish White	An excellent flocking binder that gives a soft feel with good abrasion.
CHIRITEX FL 3801	38	7.0-9.0	0.1-5.0	Bluish White	The economical flocking binder gives a soft feel with good abrasion

5.0 CARPET BINDERS

CHIRITEX 4680 H	45	7.0-9.0	10.0-20.0	Bluish White	Excellent carpet back coating binder gives a soft feel for primary backing
CHIRITEX CB 1035	35	7.0-9.0	15.0-30.0	Bluish White	An economical medium soft binder for tufted carpet used in the primary and secondary backing application.
CHIRITEX CB 1110	45	7.0-9.0	15.0-30.0	Bluish White	A self-crosslinking binder used in tufted carpets with high bonding strength. Mainly used in the third backing.
CHIRITEX CB 6200	35	7.0-9.0	15.0-30.0	Bluish White	A medium soft binder for tufted carpet used in primary and secondary backing application
CHIRITEX CB 6500	35	7.0-9.0	15.0-30.0	Bluish White	A soft binder for tufted carpet used in primary and secondary backing application
CHIRITEX CB 220	40	7.0-9.0	15.0-30.0	Bluish White	A soft binder is used for primary and secondary backing in tufted carpet
CHIRITEX CB 4600	40	7.0-9.0	5.0-15	Bluish White	Excellent carpet back coating binder gives a soft feel for primary backing

6.0 COATING BINDERS

PRODUCT	SOLID ±1%	PH	VISCOSITY	APPEARANCE	APPLICATION
CHIRITEX 24	45	2.0-4.0	1.0-10.0	Bluish White	A soft binder for paper coating with excellent binding strength
CHIRITEX 102 ECO	45	7.0-9.0	5.0-15.0	Bluish White	Medium soft binder for the fabric to fabric lamination and coating
CHIRITEX 3681	45	4.0-6.0	1.0-5.0	Milky White	Medium Hard binder for the fabric to fabric lamination and coating
CHIRITEX 1699	45	6.0-8.0	1.0-5.0	Bluish White	Hard binder for the fabric to fabric lamination and coating
CHIRITEX FX 500	45	4.0-5.0	1.0-5.0	Bluish White	Zero formaldehyde fixer in Printing & Coating application.
CHIRITEX 780 M	50	3.0-5.0	0.1-5.0	Milky White	Soft binder for the fabric to fabric lamination and coating
CHIRITEX 3640 H	43	6.0-7.0	0.1-5.0	Milky White	A suitable binder for coatings on a variety of substrates such as metals, textiles
CHIRITEX 3640 L	38	6.0-7.0	0.1-5.0	Milky White	A suitable binder for coatings on a variety of substrates such as metals, textiles
CHIRITEX 6535	55	7.0-9.0	5.0-15.0	Bluish White	Soft binder for the fabric to fabric and foam to fabric lamination
CHIRITEX ECO 50	50	7.0-9.0	30-60	Bluish White	A medium soft binder textile coating and interlining, which prevents fraying effects
CHIRITEX QC 100	40	7.0-9.0	0.1-5.0	Milky White	A high-performance thin organic coating application on Galvanized Metal sheets.
CHIRITEX ARB	43	3.0-6.0	1.0-20.0	Milky White	Good Acid Resistance coating binder in battery granulate & Hard nature.
CHIRITEX 243	50	7.0-9.0	40-80	Bluish White	Medium soft binder for the fabric to fabric lamination and coating

7.0 POLYSOL

PRODUCT	SOLID ±1%	PH	VISCOSITY	APPEARANCE	APPLICATION
CHIRITEX MBX 38	38	4.0-6.0	250-500	White Viscous	Low-cost stiff finishing agent without plasticizers
CHIRITEX 40	40	4.0-6.0	250-500	White Viscous	Low-cost stiff finishing agent without plasticizers
CHIRITEX 45	45	4.0-6.0	250-500	White Viscous	Cost-effective finishing agent imparts body, handle and stiffness, textile interlining
CHIRITEX 48	48	4.0-6.0	250-500	White Viscous	A concentrated product without plasticizers for body and stiffness
CHIRITEX 48 SS	48	4.0-6.0	250-500	White Viscous	A concentrated product with plasticizers for body and stiffness
CHIRITEX EMD ECO	50	4.0-6.0	250-500	White Viscous	A stiff finishing agent without plasticizers best suited for collar bonding and book fold type finishes
CHIRITEX 50 SS	50	4.0-6.0	250-500	White Viscous	A concentrated product with plasticizers for body and stiffness with mild flexibility
CHIRITEX 52 SS	52	4.0-6.0	250-500	White Viscous	A high solid binder with plasticizers for body and stiffness
CHIRITEX 5515	55	4.0-6.0	500-800	White Viscous	Stiffener with excellent plasticizing effect for textile finish
CHIRITEX 5400	55	4.0-6.0	50-100	White Viscous	Economical Polyvinyl Acetate co-polymer emulsion to impart body and soft handle
CHIRITEX MBX 5500	55	4.0-6.0	50-100	White Viscous	Stiffener agent for durable effect suitable for suitings to impart body and soft handle

8.0 ADHESIVE

PRODUCT	SOLID ±1%	PH	VISCOSITY	APPEARANCE	APPLICATION
CHIRIBOND PF	53	7.0-9.0	18-30 Sec	Milky White	Protection film adhesive for low peel adhesion and tack on various substrates
CHIRIBOND 17	55	7.0-9.0	18-22 Sec	Milky White	Pressure-sensitive adhesive for BOPP tapes
CHIRIBOND LM 62	43	4.0-6.0	30-50	Milky White	Water base adhesive designed for lamination of films to paper
CHIRIBOND PCR ECO	55	4.0-6.0	80-120	Milky White	Excellent water-based pressure-sensitive adhesive for stock labels and stickers applications

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Chiripal Group is a multi-faceted business conglomerate founded in 1972. Chiripal Group has more than Rs. 10,000 Cr (\$ 1.3 Bn) of annual turnover and employs about 20,000 individuals. Chiripal is a comprehensive textile house with facilities of spinning, weaving, knitting, processing & manufacturing of Denim & terry towels. Chiripal Group has very diversified business activities in the field of Textiles, Petrochemicals, BOPP Films, BOPET Films, Chemicals, Infrastructure & education sector.

The Chemical Division manufactures textile chemicals including polysol (hardeners), binders and speciality auxiliaries for pretreatment, dyeing, printing & finishing of various fabrics. The products for textile applications are marked with CHIRIMOL CHIRITEX & CHIRISOFT brands. It also produces synthetic adhesives including pressure sensitive adhesives (PSA) and wood adhesives under the brand umbrella of TIKAWOO.

It is one of the leading manufacturers of water based polymer emulsions for paints and coating industry in commitment to world class standards. The products for specific applications in the paint industry are offered under the brand name CHIRIBOND. They are fast drying, durable and resistant to washing, scrubbing and water vapor permeability. There are different products for external as well as internal application and coating with finishes like high sheen and matte.

Keeping in view the social responsibility of protecting the environment and controlling the pollution, Chemical Division has adopted the best environmental management practices. It has designed clean and automatic manufacturing plants for a cleaner environment.

Our research and development activities have helped us to roll out new products which are eco-friendly as well as efficient in solving problems in different areas to meet our customer requirements.

The Chemical Division has a vision for the future. For this, the Division is continually working on developing niche products for industries other than textiles like Paints, Leather, Paper, Packing and Surface coating. It is focusing on providing critical and technical solutions to meet the customer requirements most efficiently and cost-effectively. Moreover, the state of the art technology, efficient supply chain systems and MIS help in understanding tomorrow's needs today.

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