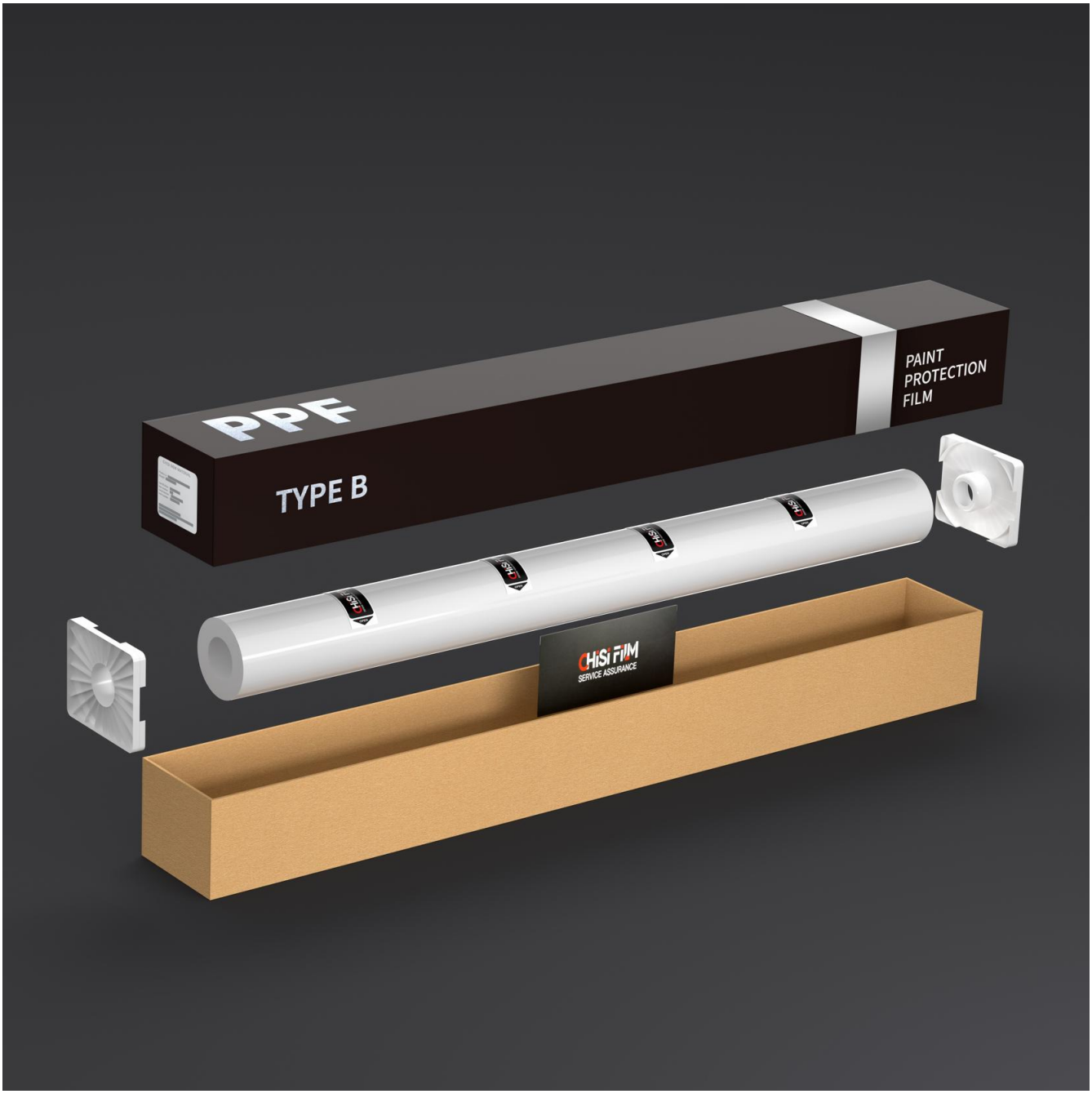
CHISI

TYPE B


PPF
TYPE B
PAINT
PROTECTION
FILM
CHISI FILM
SERVICE ASSURANCE

CHISI · TYPE B PPF

6 core features: surface scratch recovery with a nano double coating; exceptional yellowing resistance; the brochure identifies alicyclic HMDI; Type B PCL-based film does not hydrolyze; silica (SiO2) coating chemical resistance and gloss. Type B warranty: up to 7 years under the applicable CHISI product terms. The BASF material reference does not establish BASF warranty coverage; the warranty provider and scope are defined by the applicable formal terms.



Layer diagram: TORAY PET protective layer; nano-silica topcoat; BASF TPU substrate; ASHLAND pressure-sensitive adhesive; release film. The drawing is a construction illustration, not a measured layer-thickness report.

Shipping reference from the historical brochure: dispatch within 7 days; port Shenzhen; payment entry 100% prepaid; FOB/CIF/CFR/DDP/DAP; air/sea/land. Confirm current order, payment and trade terms with sales. Standard A4 samples are free worldwide; other sizes require a quotation, and logistics charges are excluded for all samples.

Roll size (brochure)	160Cm X 20.5Cm X 18Cm
Estimated weight	11Kg
Pallet size	160Cm X 162Cm X 125Cm
Rolls per pallet	54 Rolls
Pallet volume	3.24 m^3
Estimated pallet weight	605Kg

Product features and historical reference data. Type B electronic warranty: up to 7 years under applicable CHISI terms. Electronic warranty applies to eligible CHISI products, with OEM/ODM terms handled separately.

Exceptional yellowing resistance / no hydrolysis for Type B / chemical-resistance reference	TPU group	Alicyclic
	Diisocyanates (brochure)	HMDI
	Polyol type	Polycaprolactone

Installation and removal characteristics depend on the model, substrate and procedure	Adhesive type	Self-crosslinking acrylic
	Adhesive model	ASHLAND 951059

Gloss / stain and chemical resistance: qualify the selected finish	Coating technology	Nano double coating
	Coating material	Silicon dioxide
	Listed coating characteristics	High gloss / hardness / corrosion resistance, not universal finished-film test results

Adhesive adhesion reference	>1500g/inch
Yellow-mustard staining test	Δb<2
Waste-oil staining test	Δb<2
Oil-based pen staining test	Δb<2
Gloss (historical reference, not all finishes)	>105gu
Thermal aging label: Porsche	Δb<2 / ΔGloss<6
Thermal aging label: BMW	Δb<2 / ΔGloss<6
Xenon-lamp aging	Δb<0.8@408h
QUV weathering	Δb<1.8@1000h
UV aging	Δb<1.5@2000h
Chemical resistance	Δb<2
Alkali resistance: NaOH	NED
Acid resistance: sulfuric acid	NED
Acid resistance: hydrochloric acid	NED





Why choose Type B PPF. For Gloss, the brightening reference is 45%; it does not apply to Matte or Satin. Nano-silica coating is used for chemical resistance; assess the actual agent and conditions rather than assume resistance to every acid or alkali. SHELBY is a visible vehicle badge, not an endorsement.

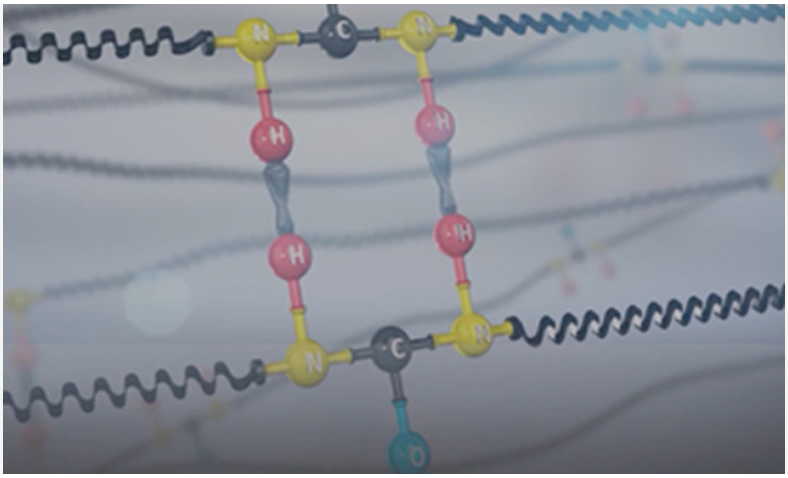




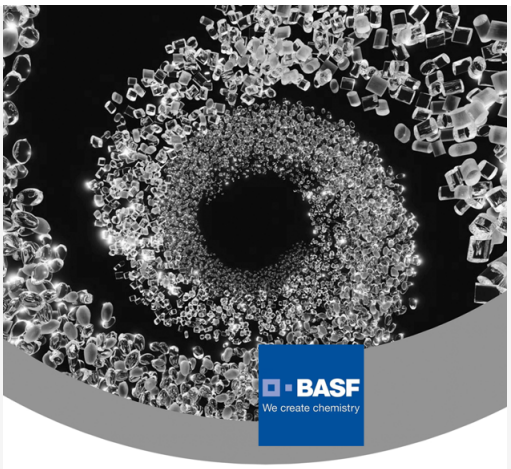
Type B PCL-based TPU does not hydrolyze. This is the Type B product scope, not a statement about every PCL or TPU. Surface scratch recovery is a topcoat feature; the historical ambient/sunlight description is not a universal time or temperature guarantee. Confirm the method for the chosen film.



Self-crosslinking acrylic adhesive: ASHLAND 951059 is the brochure's model reference. Solvent-free processing is a historical formulation statement, not a complete composition disclosure. Installation and removal must suit the film and paint condition; the brochure does not establish damage-free removal from every vehicle or repainted panel.

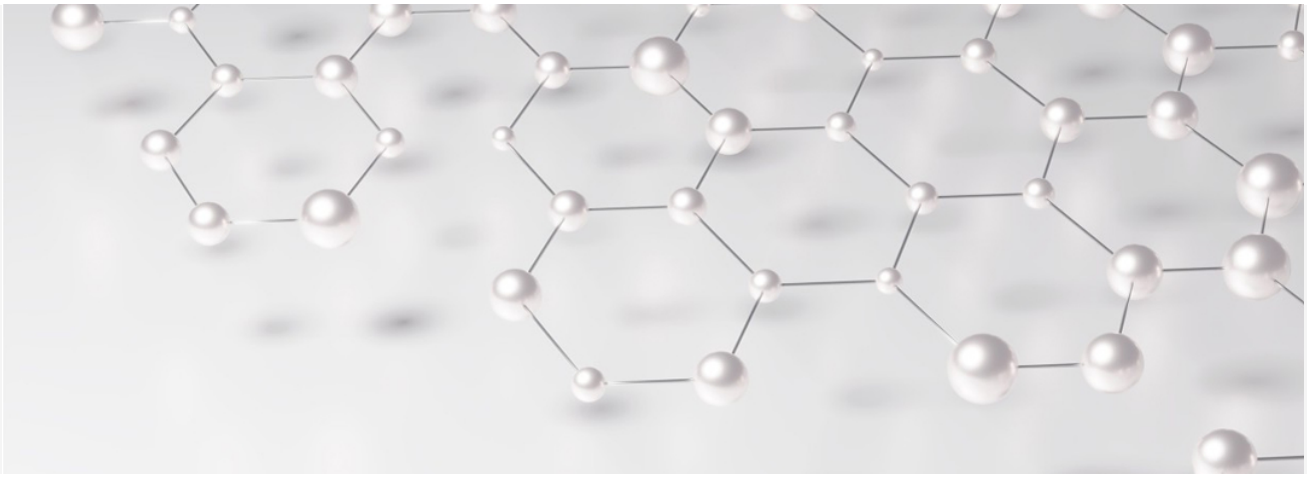


Schematic atomic-letter labels: N, H, C. The illustration does not disclose the actual adhesive molecular structure or formulation.

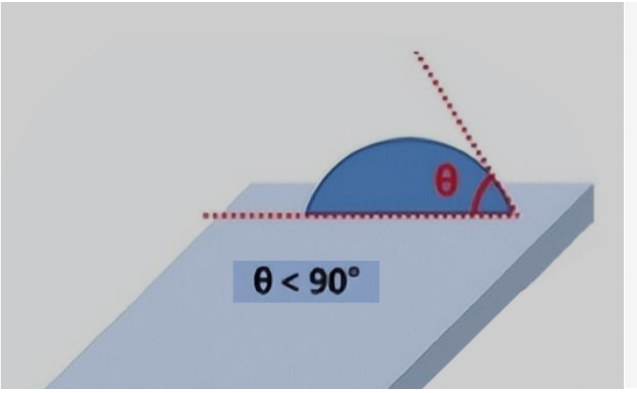


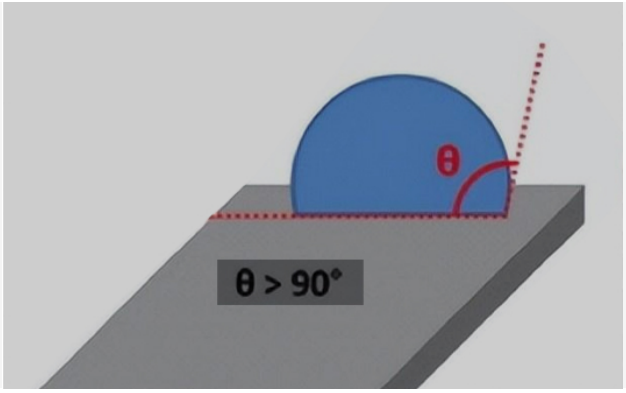
Materials and formulation references: BASF ELASTOLLAN® TPU. Exceptional yellowing resistance for Type B; the historical passage cites aliphatic HDI and more than 7 years, while the earlier table says HMDI. These are unresolved formulation/version references, not a dated finished-film aging result. Type B does not hydrolyze; do not generalize this to all PCL. Transparency and adhesion are separate properties, with no “unrivaled” or flawless-finish guarantee. BASF — We create chemistry is printed branding.

Type B weathering, surface-scratch recovery and protection are finished-film properties to evaluate with the applicable method. The historical text refers to UV, chemicals, acid rain and stone chipping; it does not prove immunity to every exposure or repair of cuts. ELASTOLLAN® is a material brand; up to 7 years of Type B warranty remains subject to the finished-product terms, not a supplier guarantee.



Nano-silica coating technology. This Type B coating reference combines nanoscale silica and polyurethane. Gloss, chemical resistance, hardness and scratch response depend on the coating and finished-film construction; the name alone is not a quantified guarantee. Hydrophilic or hydrophobic options may be discussed for an OEM specification, subject to technical and supply confirmation.





Wetting illustration: θ < 90°, hydrophilic type; θ > 90°, hydrophobic type. These are diagram labels, not measured contact angles for an identified Type B SKU or evidence of a fixed gloss-retention period.





Surface scratch recovery: the brochure's heat-recovery reference is above 60°C. It gives no universal heating time, heat-gun setting or procedure and differs from its ambient-temperature wording. Appearance and surface smoothness should be checked on the selected film and finish; this is not a deep-cut repair claim.



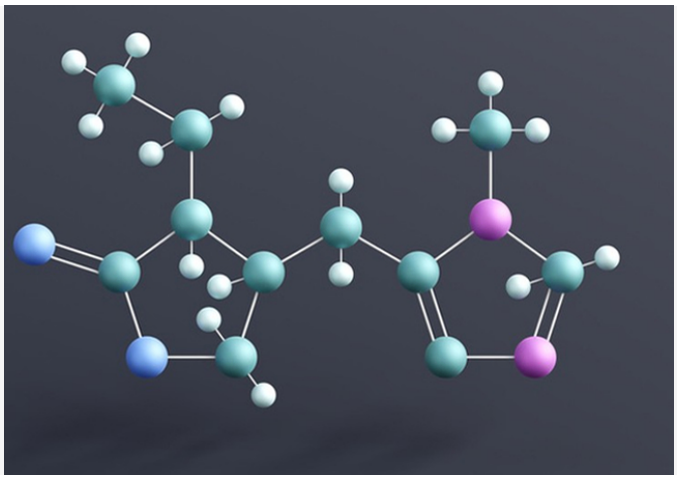


Environmental protection and transparency: assess the selected finished film against the actual contaminants and viewing conditions. The historical references to oxidation, insect residues, corrosion and high transmission do not establish universal chemical immunity or complete invisibility.





For Type B Gloss, the brightening reference is 45%; do not apply it to Matte or Satin. The “liquid glass” comparison is descriptive. Chemical resistance must be assessed for specific agents, concentration, temperature and contact time; do not infer that silica is inert to every acid or alkali.



ASHLAND AROSET 951059 acrylic adhesive — historical material model reference





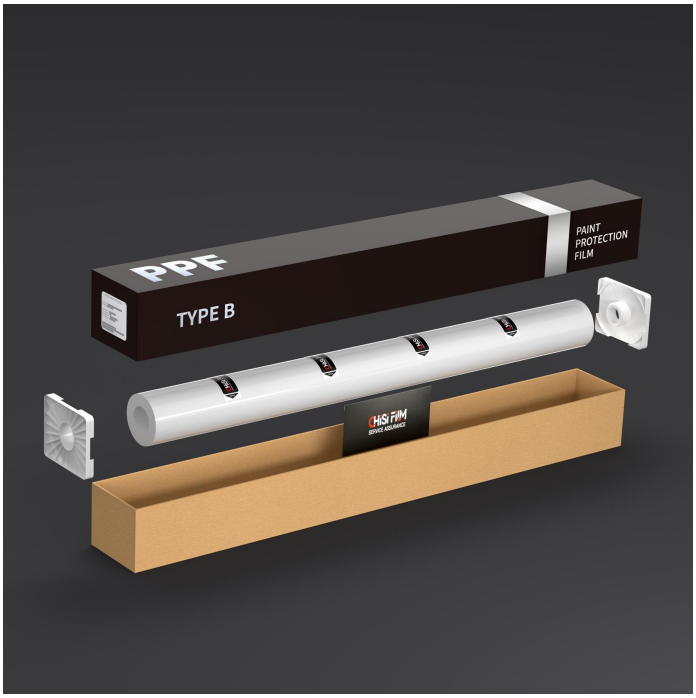
Installation reference: low initial tack during the first 20 minutes; the brochure describes adhesion building to a peak after 48 hours. These concern adhesive behavior, not liquid viscosity or a universal no-lifting guarantee. Confirm the model, substrate and conditions.





Removal reference: EZcoat cross-linking stabilization technology. Removal outcome depends on the film, paint, aging and procedure; no universal residue-free or damage-free promise. For wet installation, use the product's specified installation medium and instructions; the old reference to professional gel or baby bath gel is not a universal approved formulation. The vehicle model is recorded as E300L according to the owner's correction; this is not a film model or specification.

Type B warranty: up to 7 years under the applicable product terms. Yellowing, delamination, loss of gloss and cracking are brochure-listed claim topics, not automatic coverage for every cause. Electronic warranty is available for eligible CHISI products worldwide, with OEM/ODM terms separate. Contact your sales representative about the applicable warranty.



Exploded packaging view with a dark TYPE B box, silver-colored band, white film roll, end supports and black card.



Side view of a dark box with a silver-colored band and printed logos beside a white film roll and end support.

The online electronic warranty service applies to CHISI products supplied outside OEM/ODM projects. The warranty starts at first installation. The main process requires a valid serial number, activation, installation information and a record tied to one identified user in the CHISI product traceability system. Register within one month after installation. Unregistered or late-registered cases cannot proceed through this commercial after-sales process.

The commercial warranty cannot be transferred with the vehicle or product. The purchasing customer, distributor or installer consolidates claims. If the original installer cannot be reached, the original purchaser or distributor can contact the CHISI business contact to check the records and next steps. Confirmed manufacturing defects qualify for replacement free of charge. Repair or replacement does not extend the original warranty period or start a new one. Remedies follow the applicable product terms; there is no blanket promise of cash compensation or reimbursement of installation costs chosen by the customer. Apply the terms for the actual product and order together with the CHISI commercial warranty process described here. Coverage remains specific to the series, product and defect; it is not a promise to cover every defect or situation. Discuss any document discrepancy with the CHISI business contact.

The online electronic warranty service applies to CHISI products supplied outside OEM/ODM projects. The warranty starts at first installation. The main process requires a valid serial number, activation, installation information and a record tied to one identified user in the CHISI product traceability system. Register within one month after installation. Unregistered or late-registered cases cannot proceed through this commercial after-sales process. Follow the selected film’s installation guidance and keep the order, box label, batch code and installation records. An unregistered customer must provide evidence of installation, the user’s payment evidence and the invoice for checking. These documents do not automatically approve an exception, replace the main registration process or move the warranty start date.
