



Technical Flocking

Flocking adhesives for flocking formed parts

CHT
SMART CHEMISTRY
WITH CHARACTER.

Technical Flocking

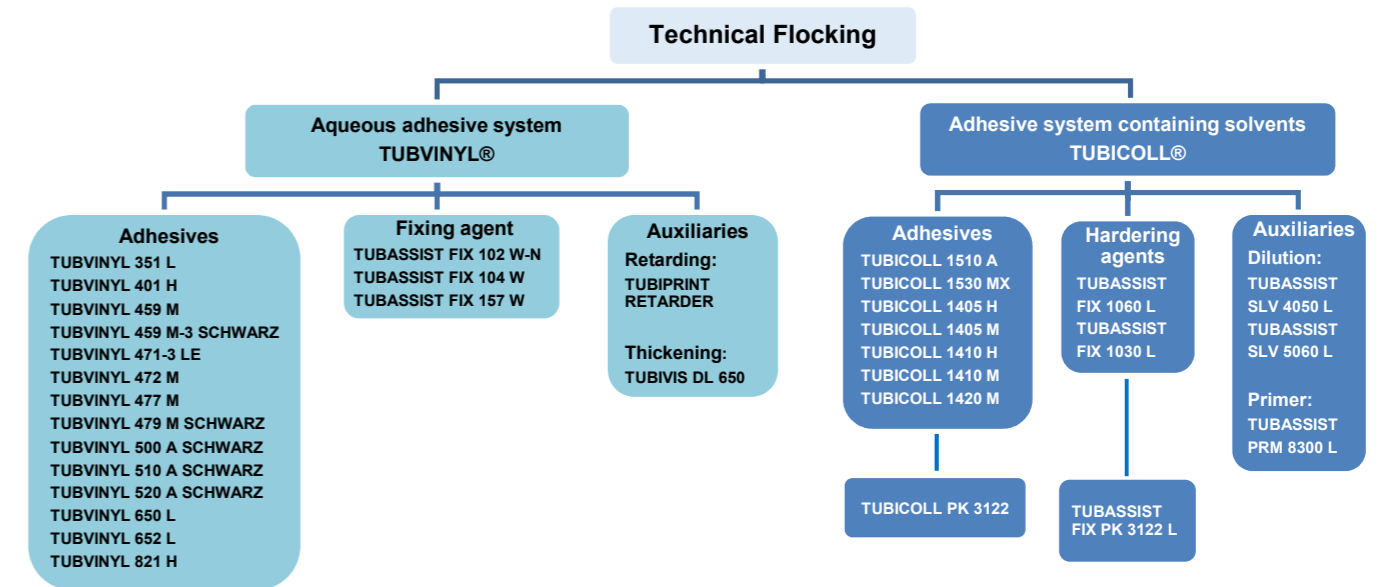
Survey of our adhesive system

The names TUBVINYL® and TUBICOLL® stand for the CHT product range of waterbased and solvent-based flock adhesives with special properties to match the various applications. The application fields of adhesives range from flocking metals, plastic moulds, glass, concrete, plaster to foamed moulds, carpets and textiles.

To optimise the application as well as the fastness improvement, we also have the belonging components such as fixing agent, hardener, diluting agent, primer and dyestuffs. An overview can be found in the table below.

The fastnesses always depend on the conditions of the adhesive application, flocking and fixation. In addition, the substrate or surface treatment can affect the fastness level to a large extent. We therefore propose to carry out meaningful pretrials. Further details can be taken from the technical leaflets.

Overview



	TUBVINYL Flocking adhesives based on dispersion									TUBICOLL Flocking adhesives on solvent base		
	TUBVINYL 351 L	TUBVINYL 401 H	TUBVINYL 459 M 459 M-3 SCHWARZ 479 M SCHWARZ	TUBVINYL 471-3 LE	TUBVINYL 472 M	TUBVINYL 477 M	TUBVINYL 500 A SCHWARZ 510 A SCHWARZ 520 A SCHWARZ	TUBVINYL 650 L TUBVINYL 652 L	TUBVINYL 821 H	TUBICOLL 1510 A TUBICOLL 1530 MX	TUBICOLL 1405 H TUBICOLL 1405 M TUBICOLL 1410 H TUBICOLL 1410 M TUBICOLL 1420 M	TUBICOLL PK 3122
Application field	Metal and synthetic parts 1C system	Synthetic films, coated papers 1C system	Plastic moulds (ABS, polystyrene, hard PVC) 1C system	Plastic moulds (ABS, polystyrene, hard PVC) 1C system	Plastic moulds (ABS, polystyrene, hard PVC) 1C system	Plastic moulds (ABS, polystyrene, hard PVC) 1C system	Plastic moulds (ABS, polystyrene, hard PVC) 1C system	Foamed moulds 1C system	Carpets, textile pile qualities, doormats 2C system	Special large surface flocking: concrete, eternite, glass, wood, plastic, paper, metal, plaster, sheetrock 2C system	Soft PVC, PU soft and hard foams 2C system	Rubber profiles 2C system
Two component processing	TUBASSIST FIX 104 W or TUBASSIST FIX 157 W	TUBASSIST FIX 104 W or TUBASSIST FIX 157 W	TUBASSIST FIX 157 W	TUBASSIST FIX 104 W or TUBASSIST FIX 157 W	TUBASSIST FIX 104 W or TUBASSIST FIX 157 W	TUBASSIST FIX 104 W or TUBASSIST FIX 157 W	TUBASSIST FIX 157 W	A) TUBASSIST FIX 102 W-N B) TUBASSIST FIX 157 W or TUBASSIST FIX 104 W	TUBASSIST FIX 102 W-N	TUBICOLL 1510 A with TUBASSIST FIX 1060 L or TUBASSIST FIX 1030 L	TUBICOLL 1405 M with TUBASSIST FIX 1060 L or TUBASSIST FIX 1030 L	TUBASSIST FIX PK 3122 L
Application	Spraying, Rolling, Brushing	Screen printable	Spraying, Rolling, Brushing	Spraying, Rolling, Brushing	Spraying, Rolling, Brushing	Spraying, Rolling, Brushing	Spraying, Rolling, Brushing	Spraying, Dipping, Rolling	Screen printable	Screen printable, By squeegee, Rolling, Brushing, Spraying	By squeegee, Rolling, Brushing, Spraying	Brushing, Spraying
Properties	Good wetting of the substrate Very good wet and dry adhesion Resistant to water	Good adhesion	Broad adhesion range on various synthetic substrates	Low-emission Broad adhesion range on various synthetic substrates Very resistant to water	Broad adhesion range on various synthetic substrates Very resistant to water	Broad adhesion range on various synthetic substrates	Broad adhesion range on various synthetic substrates Resistant to water and compliant with VDA 278	For open-pored and skinned surfaces Very soft, elastic adhesive films Good adherence on foamed surfaces	Motif and surface flocking Very good printing behaviour Highly stable to drying and abrasion	Universal application Produces harsh, tacky films Good stability to temperature and solvents Highly resistant to abrasion	Very good adherence Very flexible adhesive films High abrasion and water resistance	Very good adherence The standards of various automobile manufacturers are fulfilled

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The flocking know-how

The most important part of a flocking is invisible: the adhesive, but you can recognize it by its good properties. It fulfils thousands of demands: soft or hard, elastic or stiff, stable to washing and cleaning, stable to solvents, sprayable, rollable, stable to high and low temperatures, environmentally safe, long shelf life, scratch and abrasion resistant and it holds and holds and holds.

The application possibilities of flock technology are nearly unlimited. Flock is used in the automotive field (glove compartments, trays, window profiles, helix cables and shafts), for upholstery fabrics and noble packaging, for doormats, sports jerseys, painting rollers and filters for air conditioning, as heat protection on ovens, for the building industry (plaster elements, antidrop layers) and everywhere tactile, isolating, noise absorbing, gliding, adherent, cleaning and decorative properties of flock are esteemed.

For a successful application of the flocking technology, all components have to be adjusted to each other. This is no problem with CHT adhesives because our flock technology is based on many years of experience, extensive testing and close cooperation with our customers. Only individual solutions bring optimal results. Therefore, many industrial users rely on our know-how and service.

