CHT
SMART CHEMISTRY
WITH CHARACTER.

FLOCK ADHESIVES

Flock adhesives for technical applications

CHT GROUP'S Flocking Portfolio

Technical flocking (water-based)

Products	Application Field					Crosslinker	Application Method	Industry	Key Properties
	Metal	Paper	Plastic	Foam	Carpets Doormats				
TUBVINYL 325 H	✓					○○○	Rotary drums		Hot curing High viscosity
TUBVINYL 351 L	✓					●●○	Brushing Rolling Spraying		Good wetting of the substrate Very good wet and dry adhesion Resistant to water
TUBVINYL 401 H		✓				●●○	Screen printing		Good adhesion
TUBVINYL 459 M TUBVINYL 459 M-3 SCHWARZ			✓			●●○	Brushing Rolling Spraying		Broad adhesion to plastics
TUBVINYL 471-3 LE			✓			●●○	Brushing Rolling Spraying		Low emission Wide adhesion range on various plastics Highly resistant to water
TUBVINYL 472 M			✓			●●○	Brushing Rolling Spraying		Wide adhesion range on various plastics Highly resistant to water
TUBVINYL 520 A SCHWARZ			✓			○●○	Brushing Rolling Spraying		Compliant with VDA 278 Wide adhesion range on various plastics Resistant to water
TUBVINYL 650 L TUBVINYL 652 L				✓		●●○	Dipping Rolling Spraying		For open-cell and closed-cell foams Very soft and elastic Good adhesion to foamed surface
TUBVINYL C 705 MF			✓			○○●	Dipping Brushing Spraying		Complies with FDA Regulation 2 CRF § 175.105 and Regulation (EU) 10/2011
TUBVNIYL 821 H					✓	○●○	Screen printing Rotation printing Rolling		Motif and surface flocking Hot curing Bridging of voids Dry and wet abrasion resistant

●○○TUBASSIST FIX 104 W, ○●○TUBASSIST FIX 157 W, ○○●TUBASSIST FIX 159 W

Technical flocking (solvent-based)

Products	Application Field					Crosslinker	Application Method	Industry	Key Properties
	Metal	Paper	Plastic	Foam	Rubber				
TUBICOLL 1405 H TUBICOLL 1405 M TUBICOLL 1410 H TUBICOLL 1410 M			✓	✓		●○	Brushing Rolling Screen printing Spraying		Flexible adhesive films High abrasion and water resistance
TUBICOLL 1510 A	✓	✓	✓			●○	Brushing Rolling Screen printing Spraying		Universal application Hard, non-tacky films Good temperature and solvent stability High abrasion resistance
TUBICOLL PK 3122					✓	○●	Brushing Spraying		Very good adhesion Compliant with various automotive standards

●○TUBASSIST FIX 1060 L, ○●TUBASSIST FIX PK 3122 L

Flock technology

Flocking creates dense, uniform fiber surfaces with outstanding visual and functional properties. Fine fibers are applied electrostatically or mechanically into a freshly applied adhesive layer and permanently bonded to the substrate after drying and curing.
Our systems are compatible with common application methods such as spraying, rolling, brushing, dipping, or screen printing – ensuring maximum process flexibility.
Flock technology is used across numerous industries, including:

- Automotive (glove boxes, trays, window profiles, helix cables and shafts)
- Cosmetics (tips and applicators)
- Packaging
- Household (door mats, painting rollers)
- Filters (air conditioning)

With **TUBVINYL** and **TUBICOLL**, CHT Group offers a versatile portfolio of water-based and solvent-based flock adhesives. Our solutions can be individually adjusted to meet specific application requirements and targeted performance profiles.

For optimal processing and fastness performance, we provide coordinated system components such as hardeners, diluents, primers, and dyestuffs – all from a single source.
Fastness results depend on application conditions, fixation parameters, substrate type, and surface pretreatment. Application-oriented pre-trials are therefore recommended.

The CHT Group – your partner for reliable, high-quality flocking solutions.

CHECK MORE

Further information on our website

Further information on our ePaper

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