

Reactive Adhesives

FOR TEXTILES

FOLCO REACT and FOLCO REACT HP for the textile industry

FOLCO REACT hotmelts combine the physical properties of a hotmelt adhesive with a subsequent chemical crosslinking reaction based on isocyanates (NCO) achieving the most demanding requirement profiles of end products. Our reactive, moisture-curing adhesives exhibit excellent adhesion properties on a wide range of substrates (e.g. fabrics, membranes, foams, papers or films) and lead to efficient production processes.

PUR hotmelt adhesives are used for the production of multilayer high performance laminates. The technical textiles produced with PUR hotmelt adhesives are used for safety and work clothing, functional sports wear, filter textiles, automotive interior laminates, medical textiles and abrasive carriers. They can be tailored to your exact requirements and processes.

With the FOLCO REACT HP -series FOLLMANN innovates the classical PUR hotmelts by introducing propriety technology and rawmaterials (patent-pending) based on silan-modified acrylates and UV-curable acrylates. The introduction of these technologies opens new dimensions in terms of curing/crosslinking, processability and final properties like washability, water-resistance and adhesion.

Your benefits

FOLCO REACT

- + **100% solids**
- + **Broad adhesion spectrum for a wide range of substrates**
- + **Soft and flexible adhesive joint after cross linking**
- + **High initial strengths**
- + **Very good temperature resistance**
- + **High washing resistance**

FOLCO REACT HP

add on features

- + **DualCure (Silan + NCO)**
- + **MultiCure (+ UV-Cure)**
- + **Outstanding wash-resistance**
- + **Adhesion to inorganic/metal**
- + **non yellowing types**



Product sample: High-performance FOLCO REACT HP for medical clothing.



FOLCO REACT / FOLCO REACT HP¹

- + **Tailor-made polyurethane hotmelt**
- + **Excellent adhesion spectrum**
- + **High process efficiency**
- + **MultiCure¹**
- + **Silan-modification¹**
- + **non yellowing types¹**
- + **uv-curing¹**

**POLYURETHANE HOTMELT ADHESIVES
FOR THE TEXTILE INDUSTRY**

FOLCO REACT	Viscosity / Application	Open time	Examples of use + benefits
10421	8.000 mPas at 100°C Gravure	Long	Broad spectrum of adhesion Functional wear and textiles For temperature-sensitive substrates
HP 50401	4000mPas at 90°C Gravure,	long	High wash and sterilisation resistance Good adhesion on inorganic/metal surfaces DualCure
HP 50801	8000 mPas at 120°C Gravure, Spray, Nozzle	long	High initial green strength Good adhesion on inorganic/metal surfaces DualCure
IC 768-38	9000 mPas at 120°C Gravure	long	Non-yellowing, light-stable DualCure
IC 1699-16	2200 mPas at 90°C Gravure, Spray, Nozzle	long/ UV-Curable	Very good adhesion on inorganic/metal surfaces High wash and sterilisation resistance MultiCure
IC 1699-17	7.500 mPas at 90°C Gravure, Spray, Nozzle	Long / UV-curable	Non yellowing, light-stable Very good adhesion inorganic/metal surface High wash and sterilisation resistance MultiCure

For further information and additional product offerings, please refer to our product information sheets or contact our experts P +1 229 947-3948 / E info@follmannusa.com.