

# COHESA™ EMULSION ADDITIVES FOR ADHESIVES, INKS AND COATINGS



COHESA additives are innovative high-solids polymer in-water emulsions formulated with low or zero surfactant content.

They may be used in a broad range of waterborne formulations to improve performance, and can be customized to suit the formulation for optimal results.

## APPLICATIONS

Enhanced performance of waterbased adhesives, inks and coatings that helps bridge the gap towards solvent-based formulation performance.

## COHESA® FORMULATIONS

PARAMETER	COHESA 000	COHESA 0002	COHESA 3055	COHESA 3060
Viscosity (cp)	50-1000	100-1500	100-2000	100-3500
Wax (%)	47.0	47.0	45.0	45.0
Surfactant	Anionic	Anionic	Surfactant-Free	Surfactant-Free

## BENEFITS

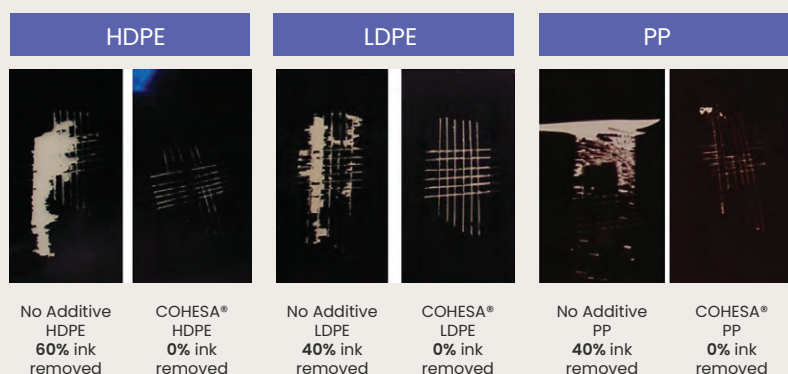
- Improved adhesion
- Improved adhesive performance at high and low temperatures
- Enhanced rub & scratch resistance
- Uncompromised water resistance adhesives

## IMPROVED PRIMARY ADHESIVE CHARACTERISTICS

Adhesive characteristics are improved on inclusion of all the COHESA products. Improved peel adhesion after addition of COHESA 0001 and 0002 to LDPE and static shear to stainless steel are illustrated.

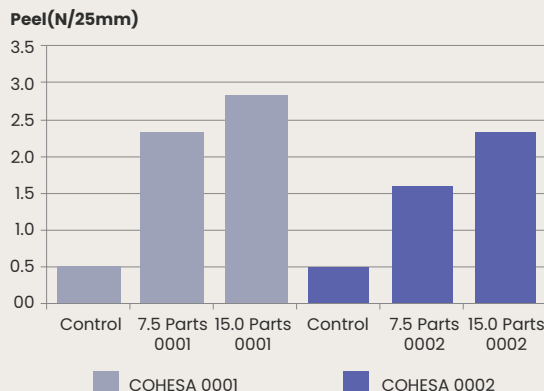
## BROAD APPLICABILITY IN WATERBASED FORMULATIONS

Developed for use in water-based applications such as adhesives, pressure sensitive adhesives, inks and coatings. COHESA® additives are also ideal for many other applications. Key benefits from their use include improved adhesion, especially to low surface energy substrates, e.g. HDPE, LDPE & PP improved resistance of an adhesive to shear and improved abrasion resistance in inks and coatings.

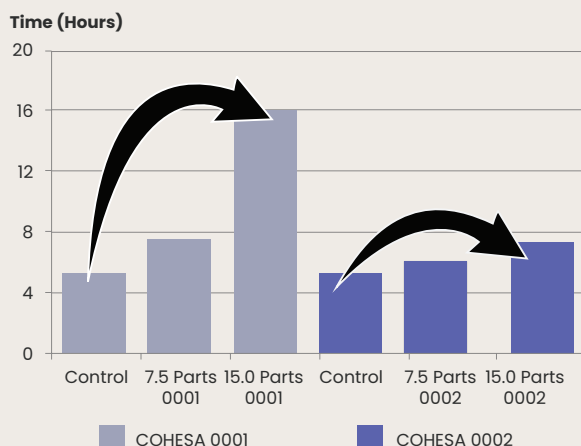


Tested by ASTM D3359: Standard Test Methods for Rating Adhesion by Tape Test

## 180° PEEL ADHESION ON LDPE (ROBOND™ PS-8120)



## STATIC SHEAR TO STAINLESS STEEL (ROBOND™ PS-8120)



## COHESA REGULATORY INFORMATION

PARAMETER	COHESA 0001	COHESA 0002	COHESA 3055	COHESA 3060
EU	EU1935/2004	EU1935/2004	EU1935/2004	EU1935/2004
	U10/2011	U10/2011	U10/2011	U10/2011
BfR	XIV	XIV	XIV	XIV
Swiss Ordinance	Yes	Yes	Yes	Yes

Please contact us for any questions related to FDA regulation compliance and formal regulatory statements.

We develop amine-free COHESA formulations that are safer to use and deliver superior performance. Get in touch with our team of experts to determine the right formulation that can be customized to suit your business needs and applications.

**For additional information, visit:**  
solstice.com

**SOLSTICE ADVANCED MATERIALS**  
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