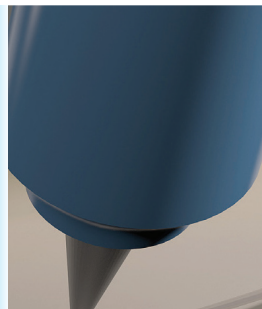


Flat Sheet Membrane Bonding



Conap® and
Conathane®
products are now
available from



Bonding membrane filter media for ultra, nano, micro and reverse osmosis (RO) filtration requires specially formulated polyurethane, epoxy, and hybrid-based adhesives. Our resin systems offer unique performance in adhesion, chemical resistance and processibility. Our FDA and NSF approvable products are formulated to eliminate blistering, leaks, channeling and adhesive bond failures.

Reasons for Choosing Membrane Bonding Products

- **Durability** – Resistant to an array of chemical compounds and solutions. Provide excellent bonding affinity to a variety of substrates including all wet and dry membranes.
- **Processibility** – Easy to meter, mix and dispense, reducing application time and increasing filter production throughput. Most formulations can be trimmed within eight hours after application.
- **Versatility** – NSF and FDA compliant adhesives are available with tailored rheological properties, enhanced media penetration and wetting capabilities and excellent resistance to hot cleaning solutions.

Membrane Bonding Products

- **CONAP®AD-6411** – High performance system delivering excellent caustic resistance for MF & UF application.
- **CONAP®AD-6481** – A wide ranging performer that has delivered reliable results on a variety of membrane substrates.
- **CONAP®AD-6485** – Formulated with good caustic resistance to meet specific processing needs.
- **CONAP®AD-6488** – Patented technology valued for its superior penetration and adhesion performance which help to eliminate osmotic blistering.
- **CONAP® AD 6489** – Rheology modified, patented technology for eliminating osmotic blisters with excellent penetration, adhesion and chemical resistance.

We can customize existing formulations to specific user requirements or formulate unique compounds that address your precise needs. Please contact your ELANTAS PDG, Inc. regional manager to discuss custom formulating. Technical datasheets that include detailed material specifications, manufacturing procedures and cure alternatives are available from your ELANTAS PDG, Inc. representative on request.

Product Properties

	CONAP AD-6411	CONAP AD-6481	CONAP AD-6485	CONAP AD-6488	CONAP AD-6489
Filtration Method	UF/MF	RO/NF/UF	RO/NF/UF	RO	RO
Mixed Viscosity (cps)	16,000	13,000	10,000	14,000	17,500
Work Life (min.)	25-35	30-35	35-45	35-40	30-35
Mixing Ratio (volume)	100A/100B	100A/100B	100A/100B	100A/100B	100A/100B
Hardness (Shore D)	45	55	55	65	55

MARKETING BULLETIN

- Wide variety of formulations designed to minimize blistering and leakages
- Technical expertise to formulate materials to meet our customers' specific performance and quality standards
- Certified to ISO 9001:2008 and ISO RC-14001

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