

# Hollow Fiber Sealing



Conap® and  
Conathane®  
products are now  
available from



## MARKETING BULLETIN

### Key Features

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

Hollow fiber filters present unique challenges for bonding and sealing. The sealant materials must adhere well without distorting or tearing the fibers and must exhibit low exotherm to avoid heat damage.

Our epoxy and polyurethane resin systems provide a reliable seal for hollow fiber filters and they are formulated for optimum processability including ease of mixing, controlled rheology, fast room temperature cure and good trimmability.

### Reasons for Choosing Hollow Fiber Sealants

- **Proven** – History of successful use in demanding hollow fiber sealant applications.
- **Tested** – Compliant to NSF and FDA protocols. Selected systems meet USP Class VI requirements.

### Hollow Fiber Sealants

- **CONAP® AD-6404** – Excellent seal to fluorocarbon, polyolefin and other low energy substrates. Easy to trim. Very low exotherm. United States Pharmacopeia (USP) Class VI compliant.
- **CONAP® AD-7410** – Resistant to hot oils, solvents and chemicals.
- **CONAP® AD-6450** – Exhibits excellent heat and chemical resistance normally expected from epoxy systems. The faster curing time improves production efficiency and allows elements to be trimmed faster.
- **CONAP® AD-6451** – Exhibits excellent heat and chemical resistance normally expected from epoxy systems. The low viscosity and exotherm allow the adhesive to wet out membranes effectively and permit large parts to be cast.

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

Hollow Fiber Sealing	CONAP AD-6404	CONAP AD-7410	CONAP AD-6450	CONAP AD-6451
Product Type	Polyurethane	Epoxy	Polyurethane	Polyurethane
Mixed Viscosity (cps)	850	1900	1200	1200
Work Life (min)	25	60	25	85
Mixing Ratio (volume)	1.0 : 1.17	1.5 : 1.0	1.0 : 0.5	1.0 : 0.5
Hardness (Shore D)	60	80	85	85

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