

CODELINE® - ECOLINE 40L30N

4 INCH END ENTRY MEMBRANE HOUSING FOR COMMERCIAL APPLICATIONS

MEMBRANE HOUSING DATASHEET

ARTICLE CODE: ECOLINE 40L30N

GENERAL INFORMATION

Codeline Ecoline 40L30N is membrane housing of 4" diameter with end entry design. This is used for commercial RO applications upto a maximum operating pressure of 300 PSI. These are made up of epoxy / glass composite to meet the demands of long term and continuous use. Codeline Ecoline 40L30N can accommodate any standard make of 4" nominal diameter spiral-wound membrane element.

UNIQUE FEATURES

- Single piece head assembly manufactured by engineering thermoplastics provides high strength and superior chemical resistance
- Improved head seal captured in the head gives better sealing, minimizing leakage probability
- Integrally formed locking grooves provide better locking strength
- Mirror Finish ID for easy & quick loading and unloading of membranes
- Exteriors coated with high gloss polyurethane paint for UV resistance
- Head seal Area is formed by mandrel surface; hence more accurate
- Compact design for use in compact and low energy water treatment units
- Quick lock head retention system for quick onsite maintenance

CERTIFICATIONS

- Ecoline 40L30N - 2: CE certified
- Ecoline 40L30N - 3: CE certified

CODELINE ECOLINE 40L30N SPECIFICATION*

MODEL NUMBER	DRAWING NUMBER	MAX. OPERATING PRESSURE	MAX. OPERATING TEMPERATURE	QUALIFICATION PRESSURE	ELEMENT LENGTH
CODELINE ECOLINE 40L30N	99373	300 PSI / 20 Bar	120 °F / 49 °C	1200 PSI / 82 Bar	-B1 (14") -C1 (21") -1**; -2; -3

Any make of 4" nominal diameter spiral-wound element with a 3/4" diameter male product water tube is easily accommodated.

* Specifications are subjected to change without prior notice (for more details refer to model specific engineering drawings)

** -1 is for 40" long housing

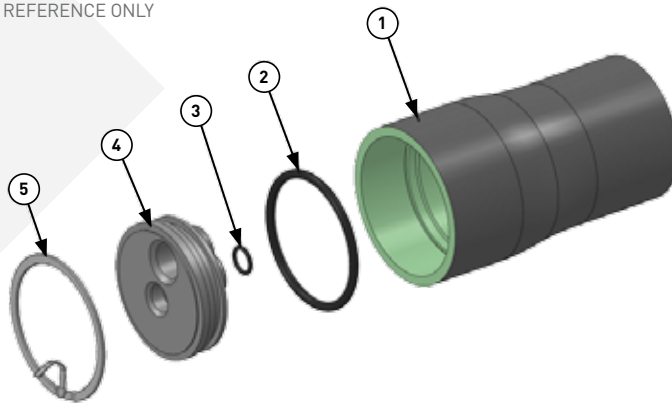
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EXPLODED VIEW & DETAILS

A GENERIC VIEW FOR VISUAL REFERENCE ONLY



PARTS TABLE

DRG REG	QTY	DESCRIPTION	MATERIAL	40L30N
				PART NUMBER
1	1	Shell	Filament Wound Epoxy / Glass composite - Head Locking grooves integrally wound in place.	Order section
2	2	Head Seal	Ethylene Propylene - O Ring	45317
3	2	PWT Seal	Ethylene Propylene - O Ring	45296
4	2	End Plug Sub Assembly	Engineering Thermoplastic	95929
5	2	Retaining Ring	316 Stainless Steel	46414
6*	2	Saddle - optional	Engineering Thermoplastic	45058
7*	2	Strap Assembly - optional	304 Stainless Steel - PVC Cushion	47459

* Not shown in the exploded view and are optional



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