Product Data Sheet

DuPont™ TapTec™ Residential Reverse Osmosis (RO) TT-3012-600 Element with Brine Seal

Description

DuPont™ TapTec™ Residential Reverse Osmosis (RO) Elements leverages the proven technologies from DuPont - one of the most trusted solution providers in water treatment and the inventor of thin-film composite RO membrane, the core of modern RO technology. Focused on the local water conditions and water purifier operations, DuPont™ TapTec™ TT-3012-600 RO elements offer balanced high flow performance and rejection, ideal for high flow water purifier applications.

TT-3012-600 Residential RO element offers the following benefits:

- New advanced membrane chemistry can achieve superior flux and good stabilized salt rejection
- Proven consistency and reliability for longer membrane life

Product Type

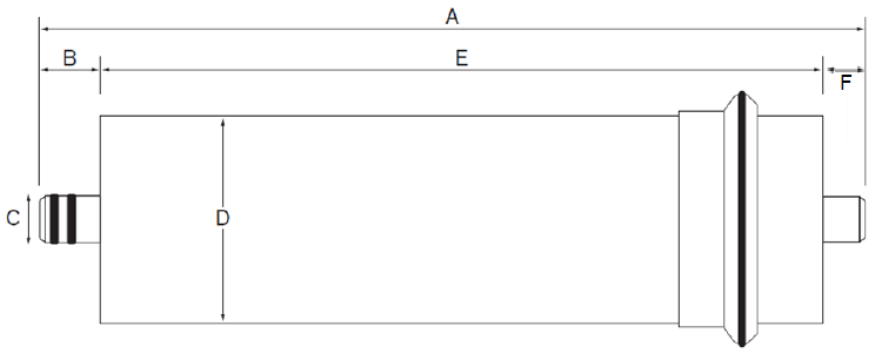
Spiral-wound element with polyamide thin-film composite membrane

Typical Properties

	Applied Pressure		Permeate Flow Rate		
TapTec™ Element	**(psig)**	**(bar)**	**(GPD)**	**(L/m)**	**Salt Rejection (%)**
TT-3012-600	100	6.9	700	1.84	94

1. Permeate flow and salt rejection based on the following test conditions: 250 ppm NaCl, 77°F (25°C), pH 7.0, 60% recovery and the specified applied pressure, 30 minutes initial performance.
2. Permeate flow rate and salt rejection are minimum value.
3. Specifications may change subject to technology and design adjustment. DuPont reserves the right to change without notification and customer should consult with local sales representative for latest update when needed.

Element Dimensions



	A		B		C		D		E		F	
TapTec™ Element	**(in.)**	**(mm)**	**(in.)**	**(mm)**	**(in.)**	**(mm)**	**(in.)**	**(mm)**	**(in.)**	**(mm)**	**(in.)**	**(mm)**
TT-3012-600	11.73	298	0.87	22	0.67	17	2.91	74	10.28	261	0.59	15

1. BS refers to brine seal.

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Storage

Refer to Storage and Shipping of New FilmTec™ Elements (Form No. 45-D01633-en) for further information.

Product Stewardship

DuPont has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with DuPont products—from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

DuPont strongly encourages its customers to review both their manufacturing processes and their applications of DuPont products from the standpoint of human health and environmental quality to ensure that DuPont products are not used in ways for which they are not intended or tested. DuPont personnel are available to answer your questions and to provide reasonable technical support. DuPont product literature, including safety data sheets, should be consulted prior to use of DuPont products. Current safety data sheets are available from DuPont.

Please be aware of the following:

- The use of this product in and of itself does not necessarily guarantee the removal of cysts and pathogens from water. Effective cyst and pathogen reduction is dependent on the complete system design and on the operation and maintenance of the system.
- Permeate obtained from the first hour of operation should be discarded.

Regulatory Note

This product may be subject to drinking water application restrictions in some countries; please check the application status before use and sale.

Have a question? Contact us at:

www.dupont.com/water/contact-us

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