

ATD – ANTI TELESCOPIC DEVICE

FOR MF, UF, NF AND RO FILTRATION



*Approved for food production
- Hygienic design - CIP (Clean in Place) - High quality*

About Wila

Wila develops and manufactures technical solutions for the food and beverage industry. We are well known for our solutions, all of which have been developed for specific cases and requirements. We always apply best practice and advanced expertise, and our standards are very high. Our strength is to enter into partnerships with our customers to ensure the most unique, innovative and optimum solutions.



We are experts in the field of membrane housings, tubular heat exchangers, tanks and complete units. We supply these products for major parts of the food industry, and we develop solutions for some of the most advanced lines of business. We use state-of-the-art techniques and technologies in our production and are at the cutting edge of innovation and new thinking in terms of the market as well as in terms of our knowledge of products. We live up to these things because we have some great facilities at our disposal, and we can match your technical and quality-related requirements when it comes to hygiene and production safety.

Ready to work with your production line

We have the facilities, the know-how and the quality assurance systems to develop and manufacture stainless steel products, equipment's and plants that meet your requirements. And we have the right people to handle the job for you from its implementation to the finished delivery.

Our series of products and components have been tested and are ready to be incorporated into your production. We will be pleased to assist you with your specifications, adjustments and project design.



ATD – Anti Telescopic Device

In membrane filtration systems wheel-like discs with built-in connections are normally used between spiral membrane elements, both to connect the permeate tubes and to prevent membrane-telescopic movement potentially caused by the hydraulic forces exerted on the feed end.

Wila ATDs benefits:

- Strong design to prevent membrane-telescoping
- Maximum flow area to maximise the membrane surface area available for production
- Maximum opening around permeate pipe for effective membrane cleaning

In recent years we have optimised the design of our stainless steel ATDs and we have eliminated any need for welding, thus making the ATDs more uniform and, most importantly, more hygienic and easier to clean. Additionally, a more rounded and open design of the connection tube makes camera inspections, if needed, much easier than on other models on the market.

8 mm thick models

8 Inch (7.9") O-ring ATD

6 Inch (6.3") O-ring ATD

4 Inch (3.8") O-ring ATD

8 Inch (7.9") Lip seal ATD

6 Inch (6.3") Lip seal ATD

4 Inch (3.8") Lip seal ATD

12.7 mm thick models

8 Inch (7.9") O-ring ATD

8 Inch (7.9") Lip seal ATD



Wila's capabilities

Wila's design and engineering services range from complete projects to assisting our customers in achieving their goals. In the last 20 plus years we have been successful in working closely with food manufacturers and leading suppliers of process equipment for the very demanding food industry, which has resulted in highly competitive quality products and solutions with added value for our customers. Our extensive in-house expertise includes innovative manufacturing processes and design deeply rooted in solid engineering.



If you involve us early on in your process, we will act as a focused, innovative and solution-oriented sounding board for your ideas. Through a systematic and analytical approach, we will make a value-adding contribution to your project.

WILA

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