

DEPTH FILTRATION

PPW

String-wound filter cartridges

Polypropylene yarn. Application-led selection.



Product-family illustration. Cartridge dimensions and core configuration vary by model.

ENGINEERED FOR YOUR FILTRATION PROCESS

Wound textile fibres form a depth-filter medium around a supporting core. Specify the micron rating, cartridge length, diameter and core for the liquid and housing in your application.

RO pretreatment / Process water / Industrial liquid filtration

PRODUCT CONSTRUCTION

Select the complete cartridge

The medium, core and dimensions work together. Confirm the selected construction against your liquid, operating conditions and housing.

Parameter	Configuration
Filter medium	Polypropylene yarn; cotton option appears in the ordering range.
Supporting core	Polypropylene or metallic core options; specify the required grade.
Filtration grade	Specify a micron code from the ordering table. Confirm the retention requirement for the selected cartridge.
End configuration	Double open end (DOE).
Length range	10, 20, 30, 40, 50 and 70 inches; metric length codes are also available.
Packaging	Cardboard boxes on pallets.
Temperature and pressure	Confirm the model-specific limits for the medium, core, liquid and service conditions.

APPLICATION REVIEW

Water treatment, RO pretreatment and process-liquid duties are reviewed against the required cleanliness and chemical compatibility. Food, beverage and chemical applications require configuration-specific approval.

DIMENSIONS

Length and diameter options

Order by the precise length code and confirm compatibility with the installed housing.

Ordering code	Dimension
10M / 10I	250 ±1.5 mm / 254 ±1.5 mm
20M / 20I	500 ±1.5 mm / 508 ±1.5 mm
30M / 30I	750 ±2 mm / 762 ±2 mm
40M / 40I	1000 ±2 mm / 1016 ±2 mm
50I	1270 mm
70I	1778 mm
Outside diameter codes	25: 2.5 in (63.5 mm) / 45: 4.5 in (115 mm)
Inside diameter codes	1: 28 mm / 2: 30 mm

Dimensions listed above follow the ordering range. Confirm the actual outside diameter, bore, tolerances and seal arrangement on the selected model drawing before ordering.

ORDERING GUIDE

Build your specification

Use the sequence below to identify the required configuration.

PPW - P - 01 - 10M - P - 25 - 1

Code field	Available option
Product family	PPW: string-wound filter cartridge
Media	P: polypropylene yarn / C: cotton
Micron code	01: 1 / 05: 5 / 10: 10 / 20: 20 / 30: 30 50: 50 / 75: 75 / 1H: 100 µm
Length code	Select the exact metric or inch code on page 3.
Core code	P: polypropylene / S: 304 / T: 316 F: stainless iron - confirm material designation before ordering.
Outside diameter code	25: 2.5 inches / 45: 4.5 inches
Inside diameter code	1: 28 mm / 2: 30 mm

Example: polypropylene yarn, 1 µm, 250 mm length, polypropylene core, 2.5-inch outside diameter and 28 mm bore. Availability and final specification are confirmed in the technical offer.

TECHNICAL ENQUIRY

Your process. Your cartridge.

Send the information below for selection and quotation.

Parameter	Configuration
Application	Liquid, process duty and contaminants to remove
Required performance	Flow rate, micron rating and retention requirement
Operating conditions	Temperature, pressure and expected differential pressure
Housing interface	Cartridge length, outside diameter, bore and end connection
Construction	Yarn material and supporting core grade
Supply requirement	Quantity, delivery destination and required documents

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