

Cartridges for filtration

Filters spun in Polypropylene (Dim-SPUN Line)

The cartridge filters of the SPUN line are made of expanded polypropylene. Its large filtration area ensures the reduction of the number of cartridges and the required housing dimension. Its **long service life and high flow velocity** mean low investment, and less labor in many applications. They are ideal for **treatments with Reverse Osmosis**.

They are suitable for filtering fluids in a **wide range of critical applications**, and their design makes the filters have a **high efficiency**. SPUN line cartridge filters are available in a **wide range of configurations** for most commercially available filter housings.

General Properties

- Homogeneous filtration in depth and with greater performance.
- Pressed filter with great resistance to compression.
- Made of expanded polypropylene fiber.

Main Applications

- Prefiltration in reverse osmosis.
- Injection in deep wells and purification of gases.
- Water treatment in the pharmaceutical, sanitary and chemical industry.
- Industrial processes related to drinking water, food and residential water.

Technical Characteristics

- Efficiency: Superior to 95%.
- Maximum pressure: 6 bar.
- Maximum temperature: 80 °C.
- Maximum differential pressure: 0,8 bar.



Product code	Model	Container	Max Flow (m3/h)	Units per box	Measurements (mm)	Weight (kg)
Dim-Spun001	Polypropylene Cartridge 10 µm 9 3/4"	9 3/4"	1,5	50	248 x 63 x 28	0,12
Dim-Spun002	Polypropylene Cartridge 5 µm 10"	10"	1,5	50	254 x 63 x 28	0,12
Dim-Spun003	Polypropylene Cartridge 25 µm 10"	10"	2,5	50	254 x 63 x 28	0,12
Dim-Spun004	Polypropylene Cartridge 5 µm 20"	20"	2,7	25	508 x 63 x 28	0,24
Dim-Spun005	Polypropylene Cartridge 20 µm 20"	20"	4,5	25	508 x 63 x 28	0,24
Dim-Spun006	Polypropylene Cartridge 5 µm 40"	40"	6	25	1.016 x 63 x 28	0,48
Dim-Spun007	Polypropylene Cartridge 20 µm 40"	40"	10	25	1.016 x 63 x 28	0,48
Dim-Spun008	Polypropylene Cartridge Especial BIG 5 µm 10"	10"	1,8	18	254 x 115 x 28	0,45
Dim-Spun009	Polypropylene Cartridge Especial BIG 20 µm 10"	10"	2,7	18	254 x 115 x 28	0,45
Dim-Spun010	Polypropylene Cartridge Especial BIG 5 µm 20"	20"	3,2	9	508 x 115 x 28	0,9
Dim-Spun011	Polypropylene Cartridge Especial BIG 20 µm 20"	20"	4,8	9	508 x 115 x 28	0,9
Dim-Spun012	Polypropylene Cartridge 1 µm 40"	40"	6	25	1.016 x 63 x 28	0,48
Dim-Spun013	Polypropylene Cartridge 5 µm 40"	40"	6	25	1.016 x 63 x 28	0,48
Dim-Spun014	Polypropylene Cartridge 10 µm 40"	40"	8	25	1.016 x 63 x 28	0,48
Dim-Spun015	Polypropylene Cartridge 1 µm 50"	50"	7,5	20	1.270 x 63 x 28	0,6
Dim-Spun016	Polypropylene Cartridge 5 µm 50"	50"	8,5	20	1.270 x 63 x 28	0,6
Dim-Spun017	Polypropylene Cartridge 10 µm 50"	50"	10	20	1.270 x 63 x 28	0,6
Dim-Spun018	Polypropylene Cartridge 1 µm 60"	60"	9	16	1.524 x 63 x 28	0,78
Dim-Spun019	Polypropylene Cartridge 5 µm 60"	60"	9	16	1.524 x 63 x 28	0,78
Dim-Spun020	Polypropylene Cartridge 10 µm 60"	60"	12	16	1.524 x 63 x 28	0,78
Dim-Spun021	Polypropylene Cartridge 1 µm 70"	70"	10,5	16	1.778 x 63 x 28	0,91
Dim-Spun022	Polypropylene Cartridge 5 µm 70"	70"	10,5	16	1.778 x 63 x 28	0,91
Dim-Spun023	Polypropylene Cartridge 10 µm 70"	70"	14	16	1.778 x 63 x 28	0,91