

## Materials of Construction

Filter Media:	Glass Fibre
Support Media:	Polypropylene
Core:	Polypropylene
End Caps :	Glass Fibre Reinforced Polypropylene
Seal:	EPDM

## Certification

1. Manufactured from FDA compliant materials.

## Construction Notes

1. Constructed from high flow pleated filter media that provides absolute removal (99.9%) of particulate.
2. Cartridges are supported by an internal core, with the media protected by a soft polypropylene outer wrap.
3. Constructed from borosilicate glass fibre for high purity.
4. Polypropylene end caps are reinforced with glass fibre for added strength.

## Technical Data

Micron Ratings (μ)	1, 5, 10, 20, 40, 70
Lengths (")	20, 40, 60
Outer Diameter (")	6
Maximum Operating Temperature (°C)	121
Maximum Operating Pressure Differential (bar)	3.4
Maximum Recommended Changeout Pressure Differential (bar) at Temperature (°C)	2.4 at 20

## Premier Pleat Range

Also available from the SPECTRUM Premier Pleat family:

- Premier Pleat Polypropylene (PPP)
- Premier Pleat Glass Fibre (PPG)
- Premier Pleat Polyethersulfone (PPES)
- Premier Pleat Polypropylene High Flow (PPP-HF)
- Premier Pleat Glass Fibre High Flow (PPG-HF)



60" PPG-HF compared with a traditional 10" PPG.

## Flow Rate vs. Pressure Drop

Pressure drop data obtained using water at 20°C per 60" filter. Data represented using its micron rating in the chart below.

