

# SUPAPLEAT 1401

## High Pressure Filter Cartridge



SupaPleat 1401 filters are pleated, high surface area, absolute rated filter cartridges providing an excellent combination of maximum efficiency and high flow capabilities.

Available in either polypropylene or glass microfibre filtration media SupaPleat 1401 provide a cost-effective alternative to products based on old technology, resin impregnated filtration media.

Optimised pleat configuration in combination with our advanced extended life (XP) polypropylene depth media ensures low pressure loss and high dirt capacity.

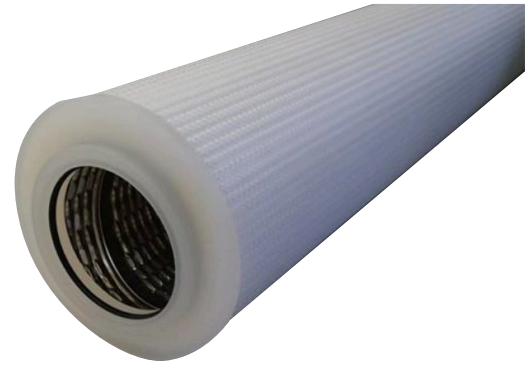
An extruded cage, and thermal welded endcaps provides greater protection during handling and service.

### Industries & Application

The SupaPleat 1401 is ideal for the filtration of fluids throughout Refineries, Chemical and Petrochemical Industries as well as Oil & Gas production.

Applications include filtration of:

- Solvents / Acids
- Iron fines removal (Pygas)
- Hydrocarbons
- Quench Water (Ethylene cracking)



## Features and Benefits

- High flow rates and long life to minimise filtration costs
- Absolute removal ratings (Beta 5000 - 99.98%) for consistent and reliable performance
- Choice of Glass Microfibre and Extended life (XP) to suit application and compatibility
- Available in numerous removal ratings (2 - 50µm) so suitable for a wide range of applications
- Extruded cage provides enhanced protection and dimensional stability compared to expanded net
- Thermally welded endcaps provide additional security over 'resin potted' pressed endcaps

## SupaPleat 1401 Technical Data

### Dimensions

Outside Diameter: 95mm (3 3/4")

### Maximum Operating Conditions

Temperature Continuous: 95°C (203°F)

Recommended Maximum Differential Pressure: Forward Flow: 4.2 Bard (60psi) @ 95°C (203°F)

Recommended Change-Out Differential Pressure: 2.5 Bard

**Note:** For more details on which media type is applicable for your process please contact one of sales or technical representatives

## Ordering Guide

24X	E	005 -	39	A	E	A D1
Media	Core/Assembly	Micron Rating	Length	Connections	Seal	Branding
24G - Glass Microfibre 24X - Extended Life Polypropylene*4	E - Polypropylene End Caps and Cage, 304 Stainless Steel Core	000 - 0.5µm 001 - 1.0 002 - 2.0*3 003 - 3.0*2 005 - 5.0 010 - 10 020 - 20 035 - 35*2 050 - 50*2	39 - 39"	A - 1401 (SOE Internal O' Ring)	B - Buna E - EPDM F - FEP / Silicone S - Silicone V - Viton	A - Amazon

Example: 24XE005-39AEAD1 = Extended Life Polypropylene media, Polypropylene cage and stainless steel core, 5µm rating, single length 39" long, Single internal o' ring endcap connection with EPDM seal.

\*2 - Polypropylene media only \*3 Glass microfibre media only.

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