

# LOFTREX Industrial Filter Cartridges

**LOFTREX** filter cartridges are made of pure polypropylene (melt blown) micro fibers, thermally bonded to prevent any fibre migration.

**LOFTREX** filter cartridges do not contain an inner core.

**LOFTREX** filter cartridges comply with FDA requirements and are free of any binding agents.

**LOFTREX** filter cartridges are depth filters. They have a high pore volume and high dirt holding capacity.

**LOFTREX** filter cartridges are temperature resistant to 80°C. The polypropylene material offers excellent chemical compatibility.

## Applications Examples:

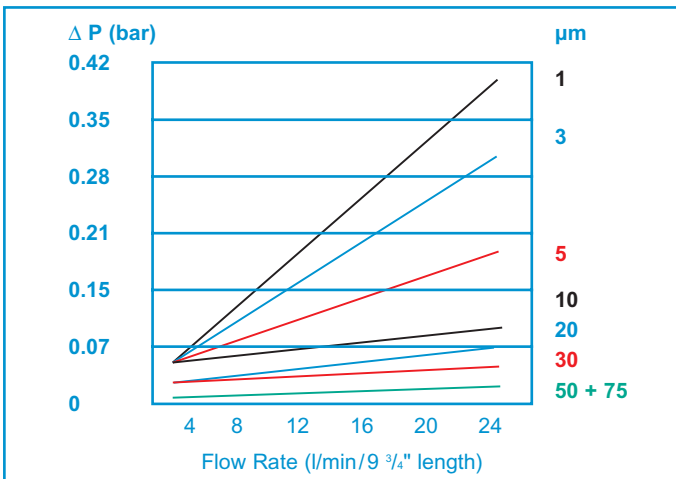
Water treatment, pure water pre-filtration, edible oils, fine chemicals, resins, reverse osmosis, DI water, sea water desalination, wine (pre-filtration), beverages, film development, fixing baths, solvents, cosmetics, galvanic baths.

## Technical Data:

Filter Fineness (nominal)	1-3-5-10-20-30-50-75 µm
Length:	5" - 40" (50" on request)
Inside Diameter:	28 mm
Outside Diameter:	64 mm
Max. Working Temperature:	80°C
Max. Differential Pressure:	2.5 bar at 30°C

## Pressure Drop (ΔP)

The table below details the pressure drop-flow rate characteristics of LOFTREX cartridges flowing water at 20°C. Flow rate is stated as flow per 9 3/4" length. For fluids of other viscosities, multiply the indicated ΔP by the fluid viscosity in centipoise.



## Product Code: LX - 20 - 75

### LOFTREX

#### Length

5 = 5"	( 127 mm)
9 = 9 3/4"	( 248 mm)
10 = 10"	( 254 mm)
19 = 19 1/2"	( 496 mm)
20 = 20"	( 508 mm)
29 = 29 1/4"	( 744 mm)
30 = 30"	( 762 mm)
39 = 39"	( 992 mm)
40 = 40"	(1016 mm)
50 = 50"	(1270 mm)

#### Filter Fineness (µm)

1 - 3 - 5 - 10 - 20 - 30 - 50 - 75

