

# 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:

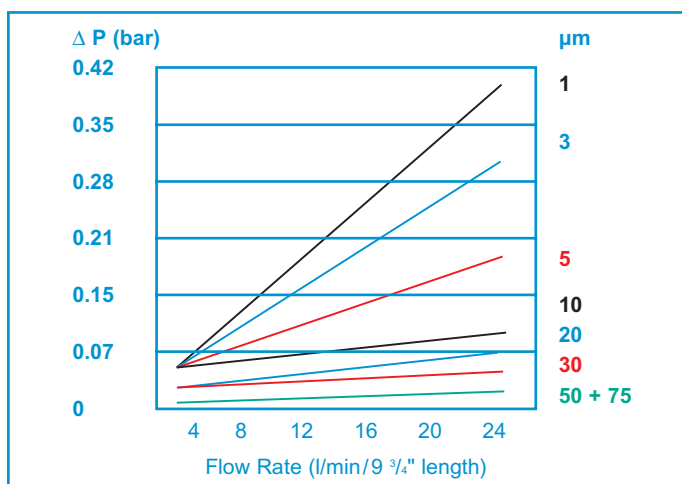
Water treatment, pure water pre-filtration, edible oils, fine chemicals, resins, reverse osmosis, DI water, sea water desalination, wine (pre-filtration), beverages, film development, fixing baths, solvents, cosmetics, galvanic baths.

## 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

