

# FILTER AG

- REF. RA059;
- Filter-Ag is a non-hydrous silicon dioxide media which can be used as highly efficient filter media for the reduction of suspended matter. Its fractured edges and irregular surface provides an high surface area and complex flow path for efficient filtration;
- less pressure loss through a bed of Filter-Ag than through most other filter medias;
- light weight requires lower backwash rates than other filter medias;
- upon installation allow bed to soak overnight before backwashing;
- available in 28,3 liters bags.



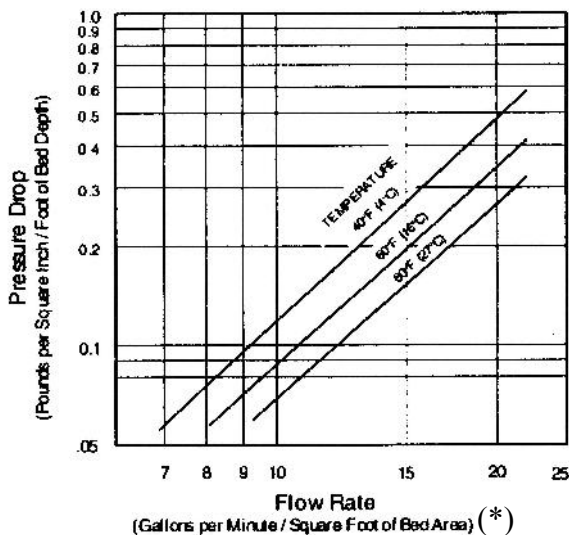
## PHYSICAL PROPERTIES:

Colour	light grey
Specific gravity (g/l)	2250
Bulk density (g/l)	380 ÷ 420
Effective size (mm)	0,7

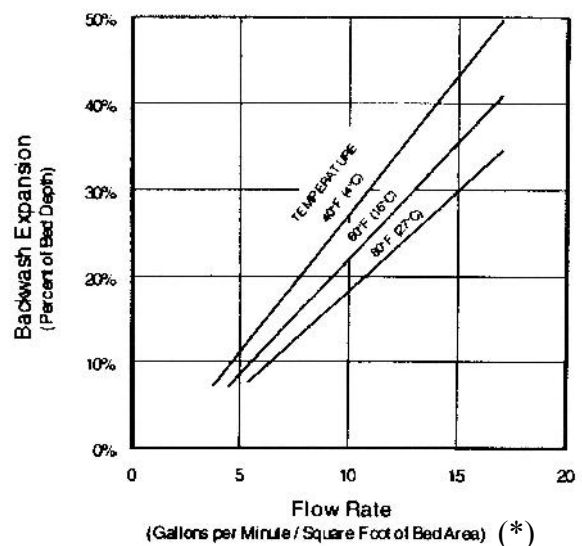
## OPERATING CONDITIONS:

Bed depth (mm)	600 ÷ 900
Service flow rate (m <sup>3</sup> /h m <sup>2</sup> )	12 ÷ 13
Backwash flow rate (m <sup>3</sup> /h m <sup>2</sup> )	20 ÷ 24
Backwash bed expansion (%)	20 ÷ 40

## SERVICE FLOW – PRESSURE DROP



## BACKWASH BED EXPANSION



(\* ) Note: a “Gallon per Minute / Square Foot of Bed Area” is equal to 2,44448 m/h .