Filtrowin

Filtro Rolls HT - High Temperature Synthetic Rolls

Filtrowin offers high temperature air filter media designed for filtration of recirculation air in drying booths or drying ovens applied in surface treatment systems. Model FHTR3-100 high temperature media is a G3 grade synthetic thermally bonded filter media and is designed to withstand a maximum allowable operating temperature of 180°C. Model FHTR4-200 synthetic high temperature media is G4 grade with operating temperature of 240°C.

Filtrowin Models

Model: FHTR3 / FHTR4

Available in G3 and G4 grade
Offered in Rolls or Pads
High Temperatures upto 240 DC
No Fiber shedding

Media Features and Technical Details

Media is constructed from temperature resistance high performance fiber, sprayed with an acrylic high temperature binder which is designed to be able to withstand a maximum allowable temperature of 240 DC. The FHTR-SERIES are designed to separate tar, soot and rust particles out of hot air from high temperature curing ovens to prevent fouling of product surface.s They are well suited for application in paint finishing curing ovens of all kind as well as air handling systems processing hot air flows between 100° to 240°C. These are made of non-allergic synthetic fibers that are flexible and not prone to breakage like glass fibers usually are. Therefore no fiber fly off is evident from these synthetic fiber medias. They are easy to handle without skin irritation. They are designed to be able to operate at constant high temperatures up to 180°C (FHTR3-100) and 240°C(FHTR4-200).

Technical Properties ▼

Specifications	Unit	FHTR3-100	FHTR4-200
Thickness	mm	10	20
Rated Airflow	M3/H/M2	3600	3600
Air Velocity	m/s	1	1
IPD	Pa	26	41
FPD	Pa	250	250
Filter Class as per EN 779	-	G3	G4
Average Arrestance	%	89	91
Dust Holding Capacity	GSM	475	525
Working Temperature	DC	180	240
Humidity	%	100	100

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notices due to the constant technical improvement.