

VENDOR SPEC SHEET / FIL-TREK & MERA FELT

Bag Filter Housing & Media Datasheet

DSL · DTL · FRP-BMB housings and MF61 NSF/61 filter bag media — single, duplex, and FRP multi-bag configurations, as specified by LibertyCES.

FIL-TREK

DSL & DTL Single-Bag Housings

Dual-vessel duplex configurations using a valve changeover to enable zero-downtime bag swaps – a real engineering feature for continuous chemical dosing or process lines that can't tolerate a filtration shutdown.

Series	Configuration	Rating	Materials
DSL211/212	Side-in/side-out, dual single-bag	150 psig @ 250°F, to 250 GPM	Carbon steel, 304SS, 316SS
DTL211/212	Top-in/bottom-out, dual single-bag	150 psig @ 400°F	Carbon steel, 304SS, 316SS, C276, AL6XN, 2205, 2507, Monel 400

Both series available ASME Section VIII Div 1 code or non-code, swing-bolt closure (DSL also offers v-band).



FIL-TREK

FRP-BMB Fiberglass Multi-Bag Housing

Corrosive-service (sea water/brackish water) FRP construction for high-volume multi-bag filtration — inline bottom connection with mechanical or hydraulic davit head-lift for bag service.

Spec	Detail
Models	BMB18 through BMB56
Bag capacity	3-37 bags
Flow range	375-4,625 GPM
Rating	100 psig @ 150°F
Construction	Fiberglass reinforced plastic (FRP)



MERA FELT

MF61 NSF/61 Filter Bag Media

Nominal-rated seamless polypropylene bag filter media, NSF 61/FDA-compliant, silicone-free thermal bonding with welded molded collar — compatible with Fil-Trek BMB/LP/SL/PL/TL housings above.

Spec	Detail
Micron ratings	3–100µm
Sizes	Size 1 & Size 2
Max temperature	160°F
Changeout / burst	15 PSID changeout, 35 PSID burst
Compliance	NSF/61, FDA-compliant

Applications: potable/process water needing NSF 61 contact materials, chemical processing batch cleanup (resins, adhesives, fine chemicals clarification), coatings/inks sensitive to silicone.



NEXT STEP

Send LibertyCES the process data, not a part number.

Flow rate, micron rating, chemical compatibility, temperature, and pressure — that's what a real bag filter housing spec review needs to start. Duplex housings solve zero-downtime bag changes; FRP housings solve corrosive service; MF61 media solves NSF/61 contact-material requirements.

Request a spec review

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