

LCF Kleen - Change® - LCN

Description

The LCF Kleen-Change®-LCN capsule filter is specifically designed to remove gelatinous material and particles from liquid crystal (LC) material, in the manufacture of thin film transistor displays. Its unique configuration and low pressure drop allows for easy venting, thus virtually eliminating the presence of air bubbles, which can cause defects during the liquid crystal one drop filling (ODF) process. Its all fluoropolymer construction provides for excellent chemical compatibility with low extractables.

Features and Benefits

- Disposable filter capsule designed for ODF process
- Low hold-up volume for reduced LC waste
- Filter removal rating of 0.1 µm improved yield by retaining gels and fine particles
- Excellent filter cleanliness



Specifications

Materials of Construction

Parts	Materials
Filter Medium	PTFE
Hardware (Capsule and Core)	PFA
Vent Cap (Optional)	PFA
End Seal	Heat Seal

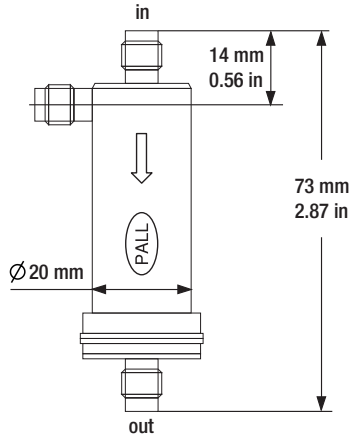
Removal Ratings	0.1 µm	
Maximum Operating Temperature	0.4 MPa (23 °C)	
Connection Size Variation	Inlet/Outlet	Vent
	1/8" Swagelok compatible	1/8" Swagelok compatible

Part Number / Ordering Guide

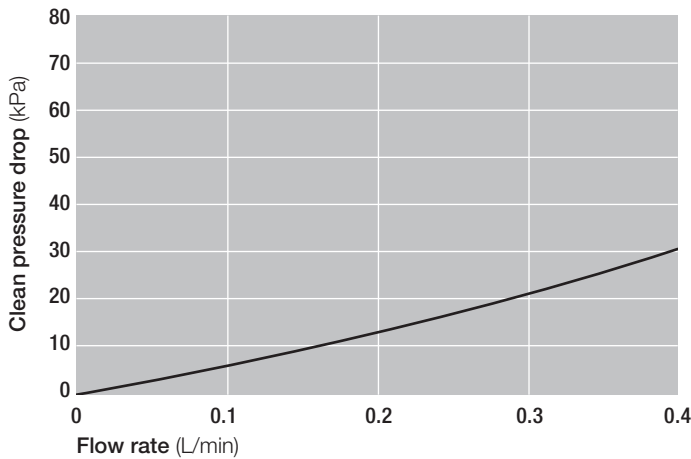
LCN01FTESW22A

Dimensions

Units: mm nominal



Pressure Drop vs. Liquid flow Rate (Water, 20°C)



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