

## White plain filters

Recommended for the majority of routine applications, this membrane is manufactured under strictly controlled conditions. The user will benefit from the performance improvements which are now available in GE membrane filters, including very narrow pore size distribution and low levels of extractables.



FM/271

### Technical Specifications - Cellulose Nitrate Membranes

Thickness	105 to 140 µm
Burst strength	> 2 psi
Weight	3.6 to 5.5 mg/cm <sup>2</sup>
Maximum service temperature	80°C
Porosity	66 to 84%
Steam autoclavable	Yes
Hydrophilic	Yes

Cat. No.	Description	Pk Qty
FM/27100	Cellulose nitrate circles, plain, 0.2 µm, 47 mm	100
FM/27106	Cellulose nitrate circles, plain, 0.2 µm, 50 mm	100
FM/27107	Cellulose nitrate circles, plain, 0.45 µm, 47 mm	100
FM/27116	Cellulose nitrate circles, plain, sterile, 0.45 µm, 47 mm	100
FM/27118	Cellulose nitrate circles, plain, 0.45 µm, 50 mm	100
FM/27124	Cellulose nitrate circles, plain, 0.8 µm, 47 mm	100

## Mixed Cellulose Ester Membranes

This membrane is particularly effective in applications requiring higher flow rates and larger volume filtration including clarification or sterilization of aqueous solutions, particulate analysis and removal, air monitoring and microbial analysis.



### Technical Specifications - Mixed Cellulose Ester Membranes

Burst strength	> 10 psi
Weight	4.3 to 5.0 mg/cm <sup>2</sup>
Maximum service temperature	130°C
Porosity	74 to 77%
Steam autoclavable	Yes
Solvent resistancy	Medium
Protein binding	Medium

Cat. No.	Description	Pk Qty
<b>Plain</b>		
FM/27004	Mixed cellulose ester circles (ME 24), 0.2 µm, 47 mm	100
FM/27006	Mixed cellulose ester circles (ME 24), sterile, 0.2 µm, 47 mm	100
FM/27008	Mixed cellulose ester circles (ME 24), 0.2 µm, 50 mm	100
FM/27010	Mixed cellulose ester circles (ME 24), sterile, 0.2 µm, 50 mm	100
FM/27026	Mixed cellulose ester circles (ME 25), 0.45 µm, 47 mm	100
FM/27028	Mixed cellulose ester circles (ME 25), sterile, 0.45 µm, 47 mm	100
FM/27030	Mixed cellulose ester circles (ME 25), 0.45 µm, 50 mm	100
FM/27032	Mixed cellulose ester circles (ME 25), sterile, 0.45 µm, 50 mm	100
FM/27056	Mixed cellulose ester circles (ME 27), 0.8 µm, 47 mm	100
<b>Gridded</b>		
FM/27080	Mixed cellulose ester circles (ME 24), white/black grid 3.1 mm, sterile, 0.2 µm, 47 mm	100
FM/27084	Mixed cellulose ester circles (ME 25), white/black grid 3.1 mm, sterile, 0.45 µm, 47 mm	100
FM/27086	Mixed cellulose ester circles (ME 25), white/black grid 5 mm, 0.45 µm, 47 mm	100
FM/27090	Mixed cellulose ester circles (WME), black/white grid 3.1 mm, sterile, 0.45 µm, 47 mm	100



FM/27028