

## Millipore® Membranes

### The laboratory standard for pressure or vacuum-driven filtration

- Express PES® (polyethersulfone) is the fastest filtration; specifically designed for HTP
- Durapore® PVDF (polyvinylidene fluoride) provides the lowest protein binding (99% recovery)
- MF-Millipore® (mixed cellulose esters) is the most widely used membrane for sterilization
- PTFE (polytetrafluoroethylene) is ideal for filtration of nonaqueous solutions

Material	Diameter	Pore size	Flow (mL/min/cm²)	Bubble point (bar²)	Catalog number	Qty/pk	Price/pk
<b>Express; 125 µm thickness</b>							
PES	47 mm	0.22 µm	40	—	<a href="#">GH-29960-20</a>	100	
	90 mm				<a href="#">GH-29960-22</a>	50	
	142 mm				<a href="#">GH-29960-24</a>	50	
<b>Durapore; 125 µm thickness; operating temperature 185°F (85°C) max</b>							
PVDF	47 mm	0.22 µm	6.9	3.40	<a href="#">GH-29960-00</a>	100	
	90 mm				<a href="#">GH-29960-10</a>	50	
PVDF	47 mm	0.45 µm	29	1.55	<a href="#">GH-29960-02</a>	100	
	90 mm				<a href="#">GH-29960-12</a>	50	
<b>MF Millipore; 150 µm thickness; operating temperature 167°F (75°C) max</b>							
Mixed cellulose ester	47 mm	0.22 µm	18	3.52	<a href="#">GH-29959-00</a>	100	
	90 mm				<a href="#">GH-29959-10</a>	50	
Mixed cellulose ester	47 mm	0.45 µm	60	2.20	<a href="#">GH-29959-02</a>	100	
	90 mm				<a href="#">GH-29959-12</a>	50	
<b>Fluoropore; 150 µm thickness</b>							
PTFE	47 mm	0.22 µm	24	1.00	<a href="#">GH-29958-00</a>	100	
	90 mm				<a href="#">GH-29958-10</a>	50	
PTFE	47 mm	0.50 µm	60	0.63	<a href="#">GH-29958-02</a>	100	
	90 mm				<a href="#">GH-29958-12</a>	50	
PTFE	47 mm	1.00 µm	110	0.50	<a href="#">GH-29958-06</a>	100	
	90 mm				<a href="#">GH-29958-16</a>	50	

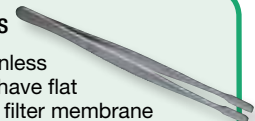


Four different membrane types to match your application.

#### Filter Forceps

Solid 304 stainless steel forceps have flat tips to handle filter membrane without damaging them.

[GH-02902-50](#) Filter forceps, 4½" (11.4 cm) long



## Spectra/Mesh® Screen Discs and Sheets

### Four materials ensure chemical and application compatibility

- Nylon mesh filters out particles down to 8 µm
- Polypropylene (PP) mesh offers strength and stability; resists most acids, alkalis, and alcohols
- PEEK mesh holds its shape and features superior chemical resistance
- 304 Stainless Steel woven discs or sheets are ideal for high differential pressures

Cut the 30 x 30-cm sheets to desired dimensions to fit your needs



Mesh opening (µm)	Open area	Thickness (µm)	47-mm discs			55-mm discs			90-mm discs			30 x 30-cm sheets		
			Catalog number	Qty/pk	Price/pk	Catalog number	Qty/pk	Price/pk	Catalog number	Qty/pk	Price/pk	Catalog number	Qty/pk	Price/pk
<b>Nylon.</b> For finer macrofiltration needs, use with all aqueous solutions.														
10	2%	45	<a href="#">GH-06631-02</a>	10		<a href="#">GH-06635-87</a>	10		<a href="#">GH-06635-37</a>	10		<a href="#">GH-06630-92</a>	3	
20	14%	55	<a href="#">GH-06631-03</a>	10		<a href="#">GH-06635-86</a>	10		<a href="#">GH-06635-36</a>	10		<a href="#">GH-06630-90</a>	3	
30	21%	64	<a href="#">GH-06631-04</a>	10		<a href="#">GH-06635-85</a>	10		<a href="#">GH-06635-35</a>	10		<a href="#">GH-06630-88</a>	3	
41	33%	60	<a href="#">GH-06631-05</a>	10		<a href="#">GH-06635-84</a>	10		<a href="#">GH-06635-34</a>	10		<a href="#">GH-06630-86</a>	3	
53	36%	60	<a href="#">GH-06631-06</a>	10		<a href="#">GH-06635-83</a>	10		<a href="#">GH-06635-33</a>	10		<a href="#">GH-06630-84</a>	3	
60	45%	55	<a href="#">GH-06631-07</a>	10		<a href="#">GH-06635-82</a>	10		<a href="#">GH-06635-32</a>	10		<a href="#">GH-06630-82</a>	3	
70	36%	70	<a href="#">GH-06631-08</a>	10		<a href="#">GH-06635-81</a>	10		<a href="#">GH-06635-31</a>	10		<a href="#">GH-06630-80</a>	3	
100	47%	78	<a href="#">GH-06631-09</a>	10		<a href="#">GH-06635-80</a>	10		<a href="#">GH-06635-30</a>	10		<a href="#">GH-06630-75</a>	3	
200	55%	125	<a href="#">GH-06631-14</a>	10		<a href="#">GH-06631-31</a>	10		<a href="#">GH-06631-51</a>	10		<a href="#">GH-06631-72</a>	3	
300	50%	200	<a href="#">GH-06631-15</a>	10		<a href="#">GH-06631-32</a>	10		<a href="#">GH-06631-52</a>	10		<a href="#">GH-06631-73</a>	3	
<b>Polypropylene.</b> Strength and stability, resists most acids and alkalis, autoclavable.														
105	26%	212	<a href="#">GH-06631-16</a>	10		<a href="#">GH-06631-33</a>	10		<a href="#">GH-06631-53</a>	10		<a href="#">GH-06631-74</a>	3	
149	34%	193	<a href="#">GH-06631-17</a>	10		<a href="#">GH-06635-67</a>	10		<a href="#">GH-06635-17</a>	10		<a href="#">GH-06630-50</a>	3	
210	34%	308	<a href="#">GH-06631-18</a>	10		<a href="#">GH-06631-34</a>	10		<a href="#">GH-06631-54</a>	10		<a href="#">GH-06630-48</a>	3	
350	34%	525	<a href="#">GH-06631-19</a>	10		<a href="#">GH-06635-64</a>	10		<a href="#">GH-06635-14</a>	10		<a href="#">GH-06630-45</a>	3	
500	39%	610	<a href="#">GH-06631-20</a>	10		<a href="#">GH-06635-63</a>	10		<a href="#">GH-06635-13</a>	10		<a href="#">GH-06630-44</a>	3	
1000	45%	1020	<a href="#">GH-06631-21</a>	10		<a href="#">GH-06631-35</a>	10		<a href="#">GH-06631-55</a>	10		<a href="#">GH-06631-75</a>	3	
<b>PEEK.</b> For general filtration, resistant to acidic and alkaline solutions, temperature stability up to 250°C.														
35	22%	71	<a href="#">GH-06631-22</a>	10		<a href="#">GH-06631-36</a>	10		<a href="#">GH-06631-56</a>	10		<a href="#">GH-06631-76</a>	3	
115 x 145	56%	50	<a href="#">GH-06631-23</a>	10		<a href="#">GH-06631-37</a>	10		<a href="#">GH-06631-57</a>	10		<a href="#">GH-06631-77</a>	3	
220	56%	128	<a href="#">GH-06631-24</a>	10		<a href="#">GH-06631-38</a>	10		<a href="#">GH-06631-58</a>	10		<a href="#">GH-06631-78</a>	3	
300	36%	370	<a href="#">GH-06631-25</a>	10		<a href="#">GH-06631-39</a>	10		<a href="#">GH-06631-59</a>	10		<a href="#">GH-06631-79</a>	3	
<b>Stainless steel.</b> Extra strength, good chemical resistance.														
30	30%	50	—	—	—	<a href="#">GH-06631-40</a>	5		<a href="#">GH-06631-60</a>	5		<a href="#">GH-06631-80</a>	2	
51	42%	56	—	—	—	<a href="#">GH-06635-94</a>	5		<a href="#">GH-06635-44</a>	5		<a href="#">GH-06630-99</a>	2	
104	45.20%	102	—	—	—	<a href="#">GH-06635-93</a>	5		<a href="#">GH-06635-43</a>	5		<a href="#">GH-06630-97</a>	2	
213	49.80%	178	—	—	—	<a href="#">GH-06635-92</a>	5		<a href="#">GH-06635-42</a>	5		<a href="#">GH-06630-96</a>	2	