

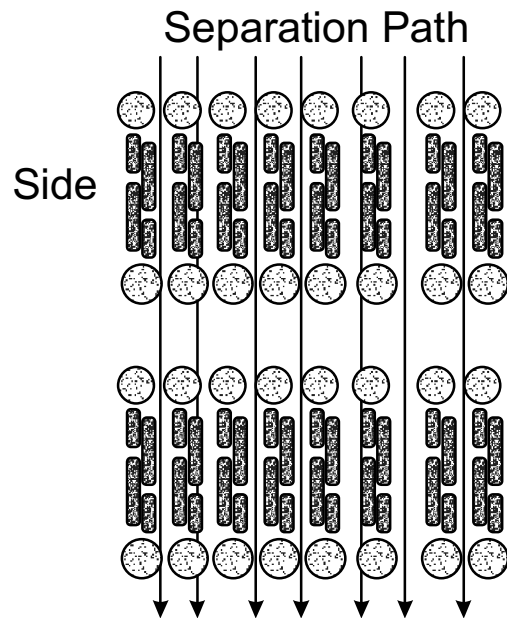


Figure 1A

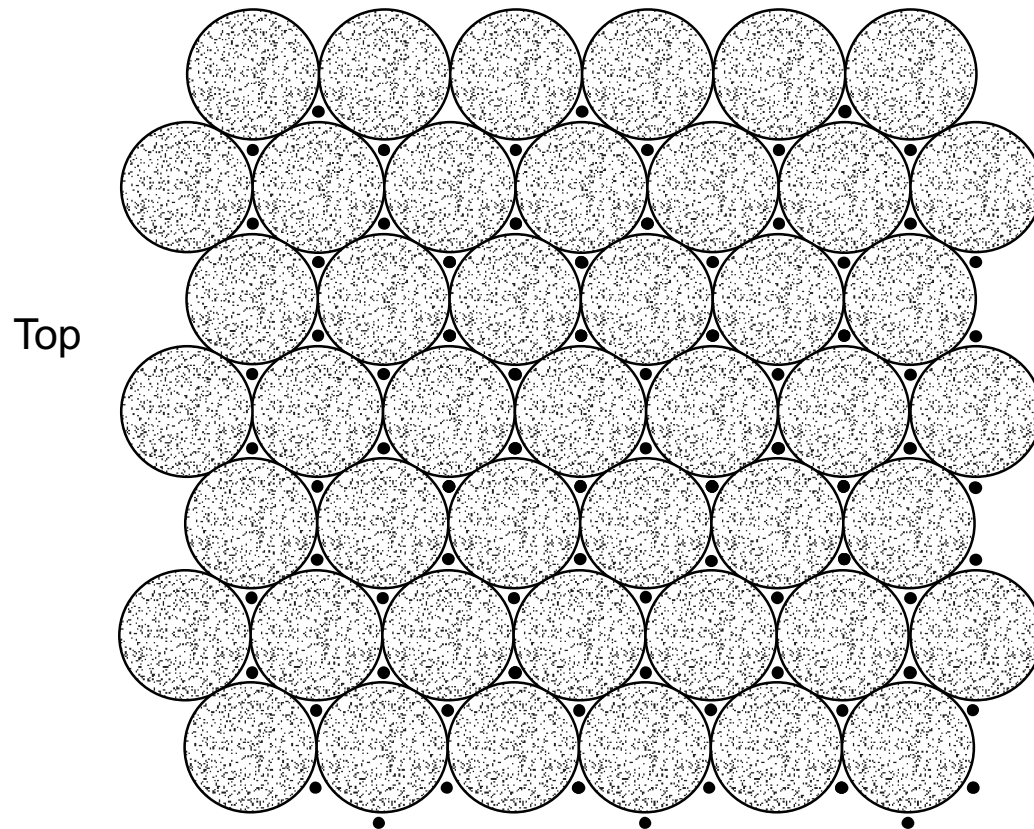


Figure 1B

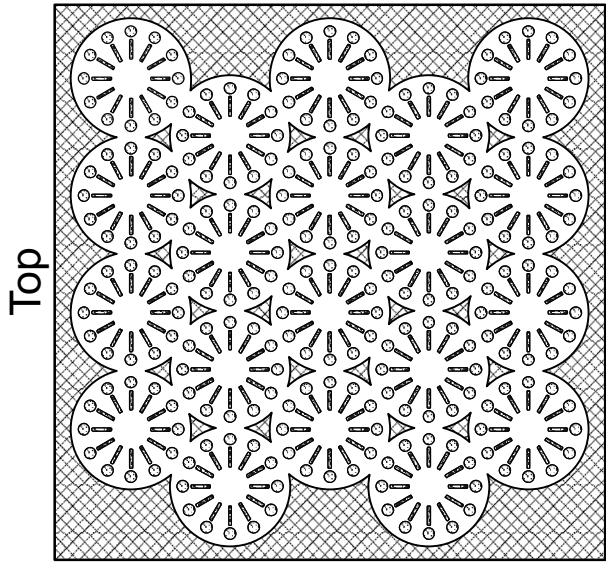


Figure 2A

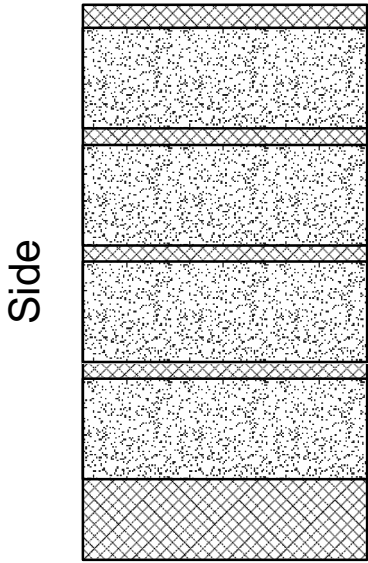


Figure 2B

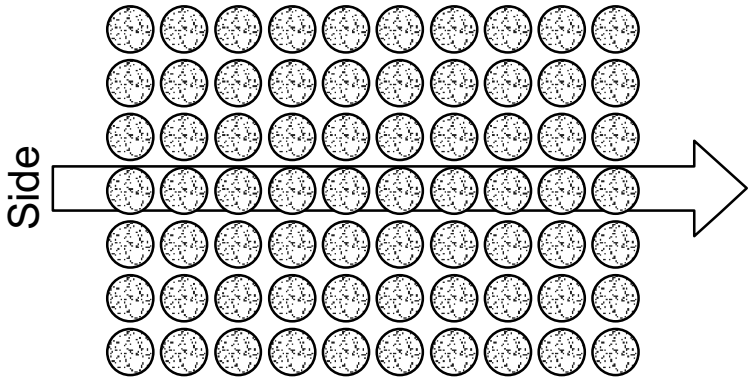


Figure 2D

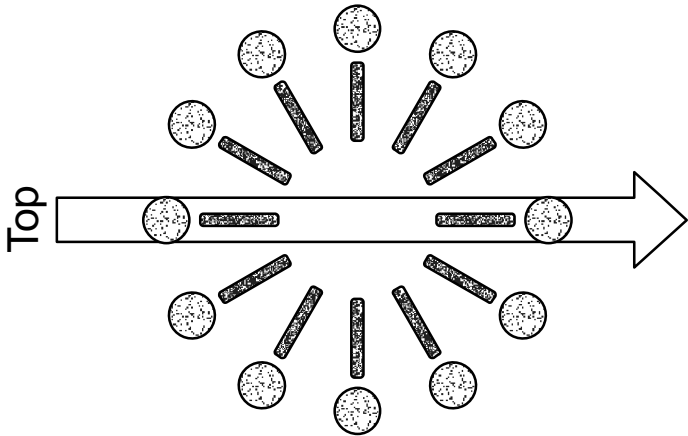


Figure 2C

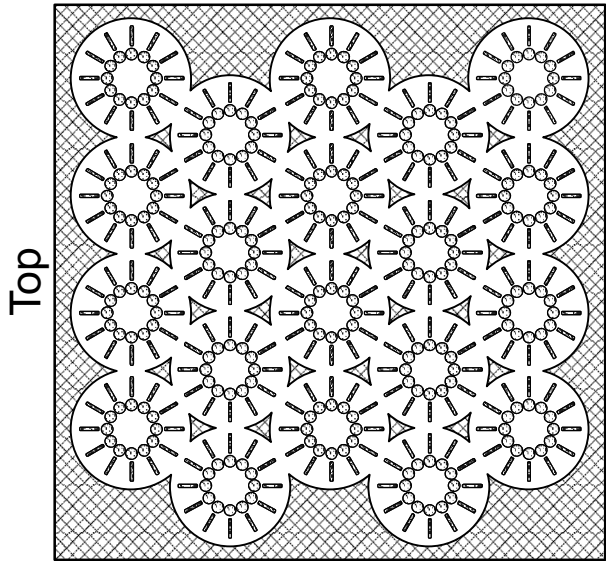


Figure 3A

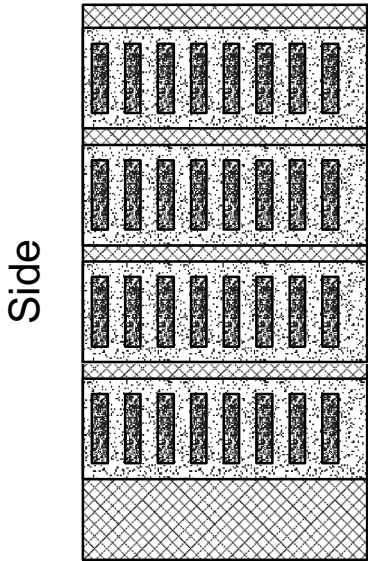


Figure 3B

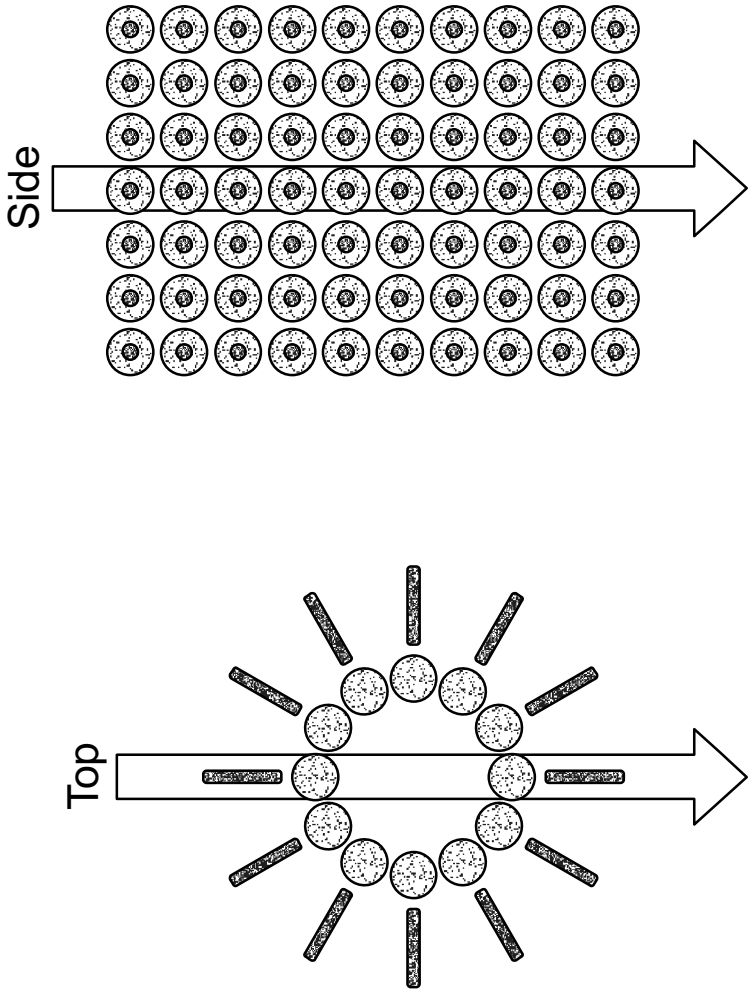


Figure 3D

Figure 3C

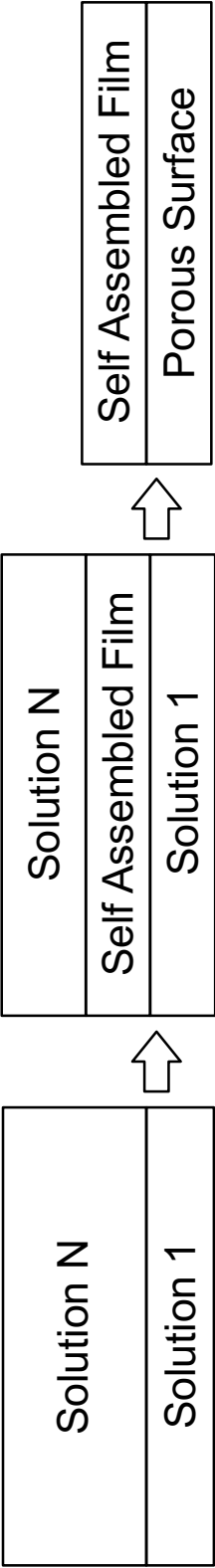


Figure 4

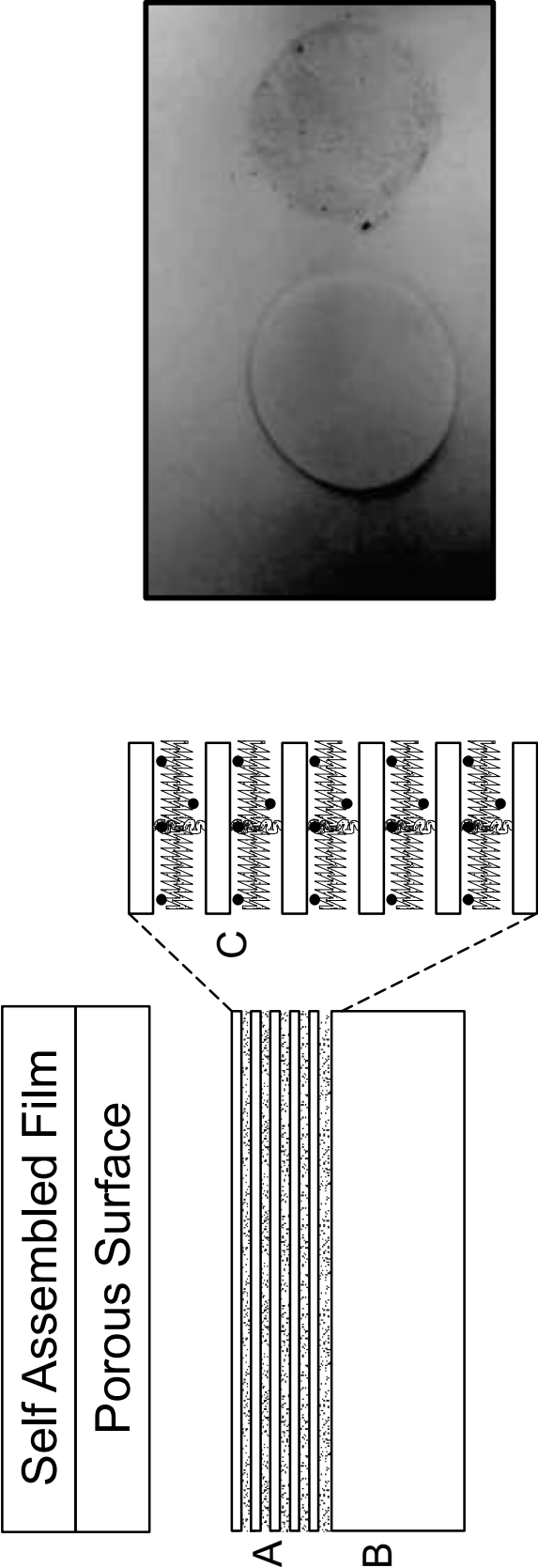


Figure 5

Solid Surface
Porous Surface
Surfactant Templated Film
Solid Surface
Porous Surface

Figure 6A

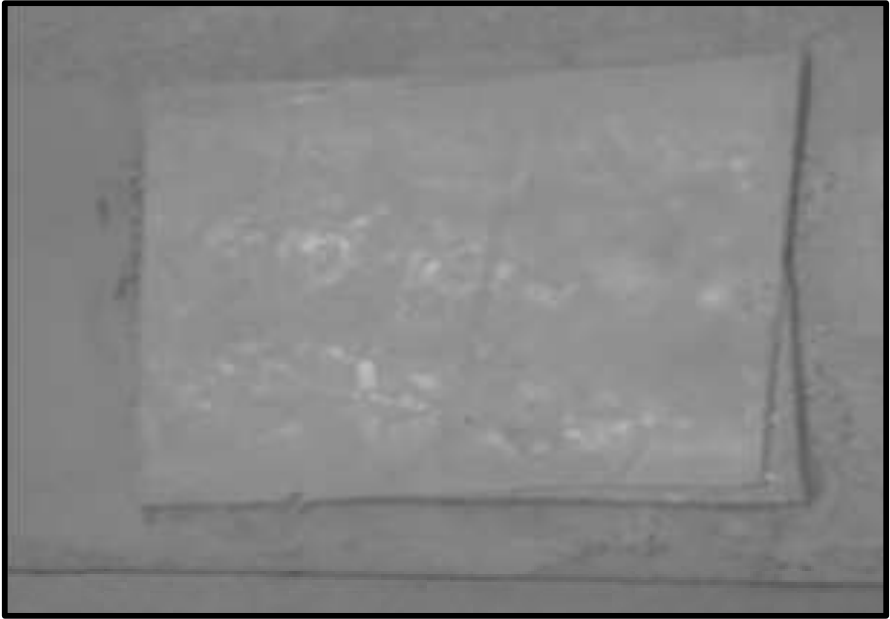


Figure 6B

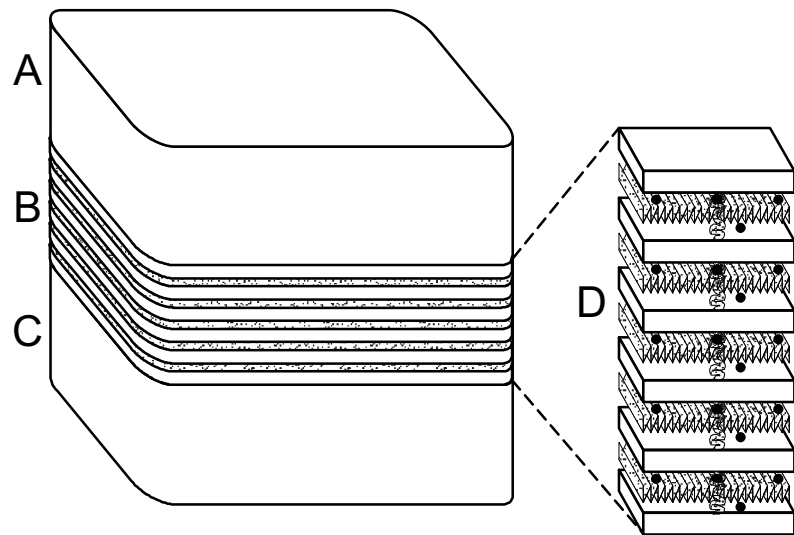
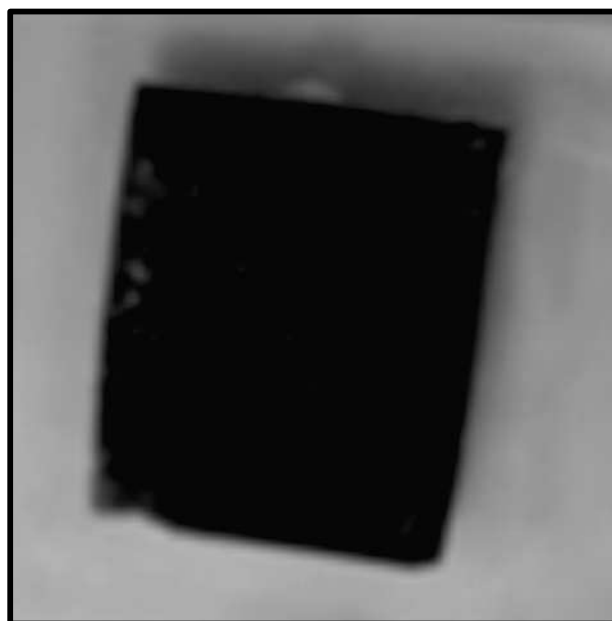


Figure 7

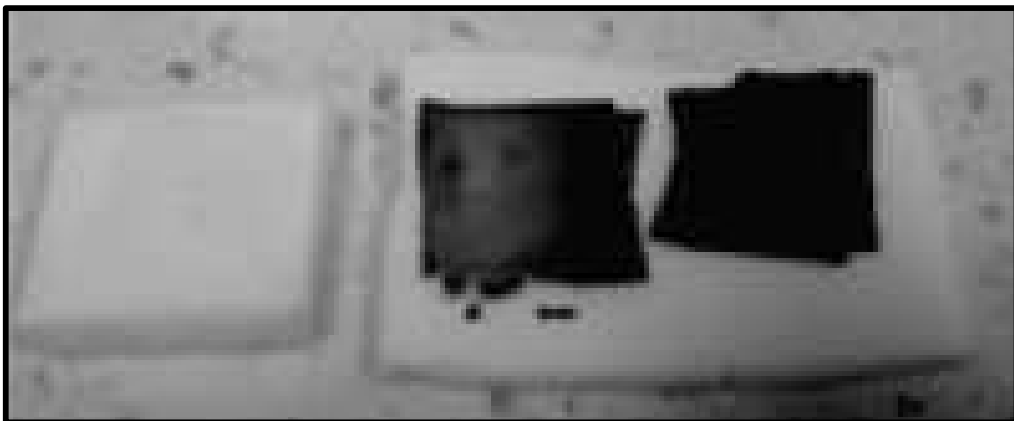
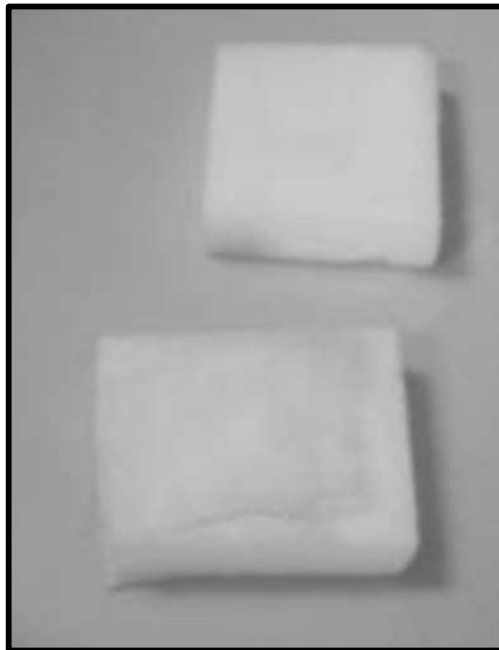
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Solid Surface
Surfactant Templated Film
Solid Surface

**Figure 8A**

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Solid Surface
Porous Surface
Surfactant Templated Film
Porous Surface
Solid Surface

**Figure 8B**

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Solid Surface	Solid Surface	Solid Surface
	Porous Surface	
	Surfactant Templated Film	
Porous Surface		
Solid Surface		

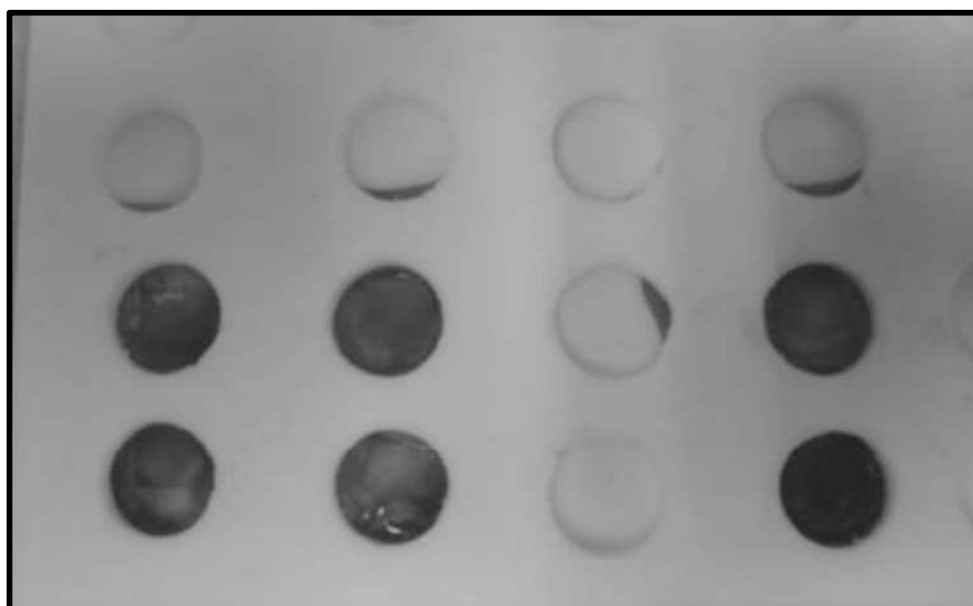
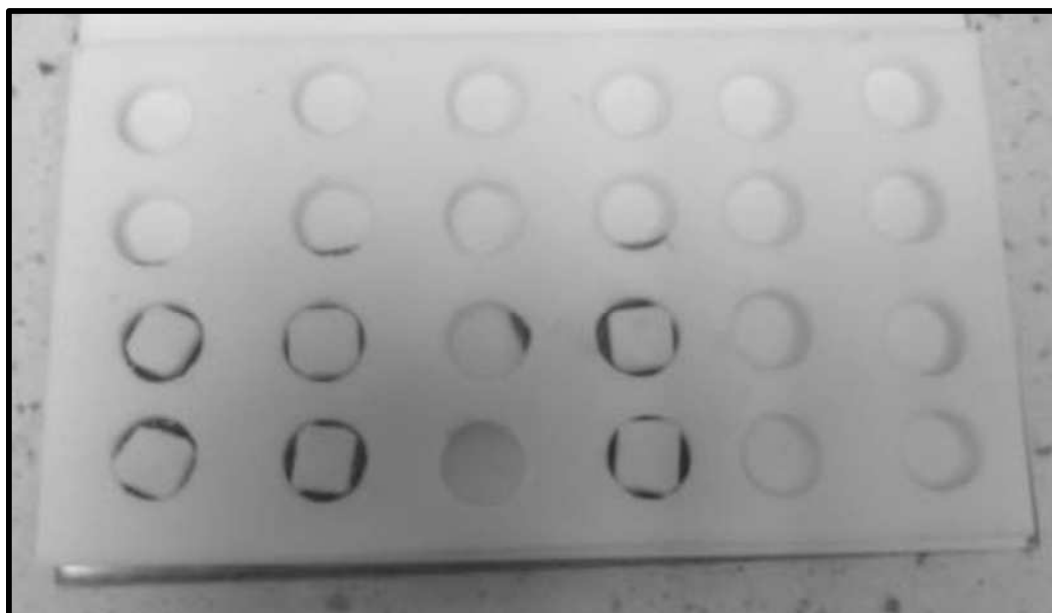


Figure 8C

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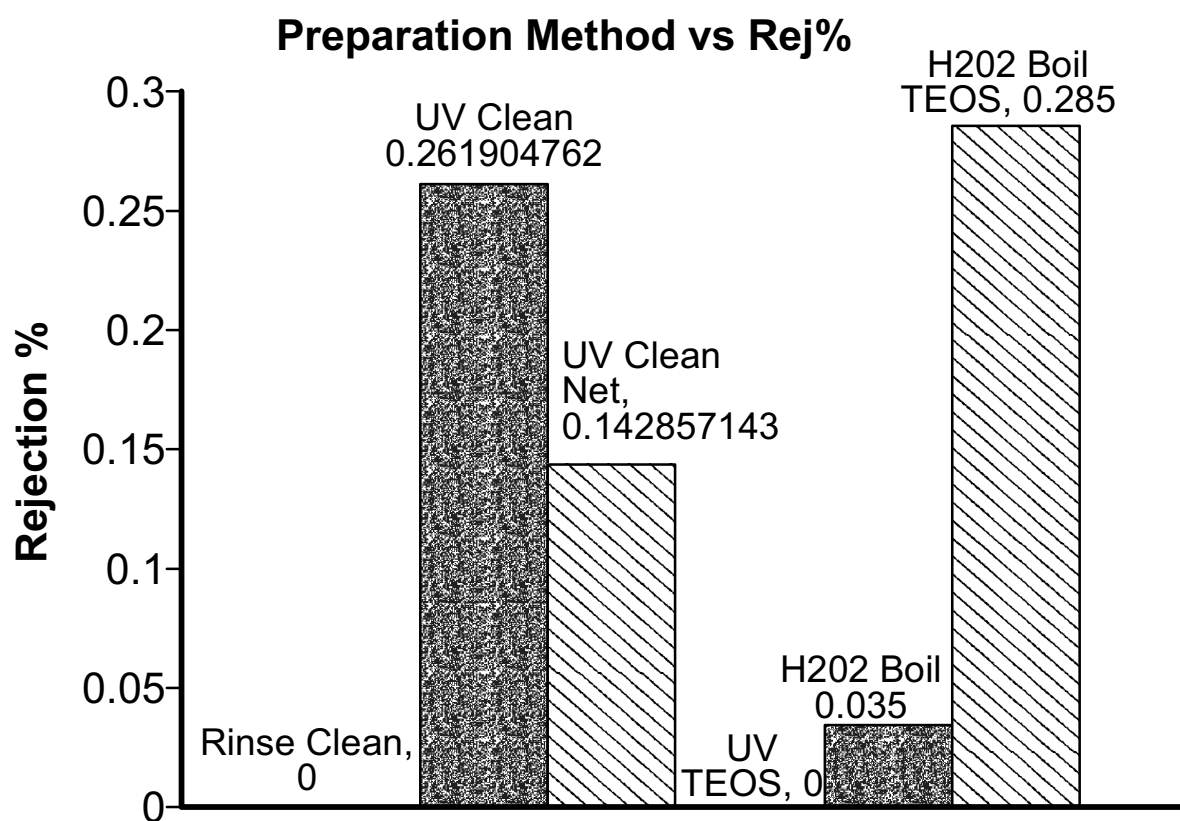


Figure 9A

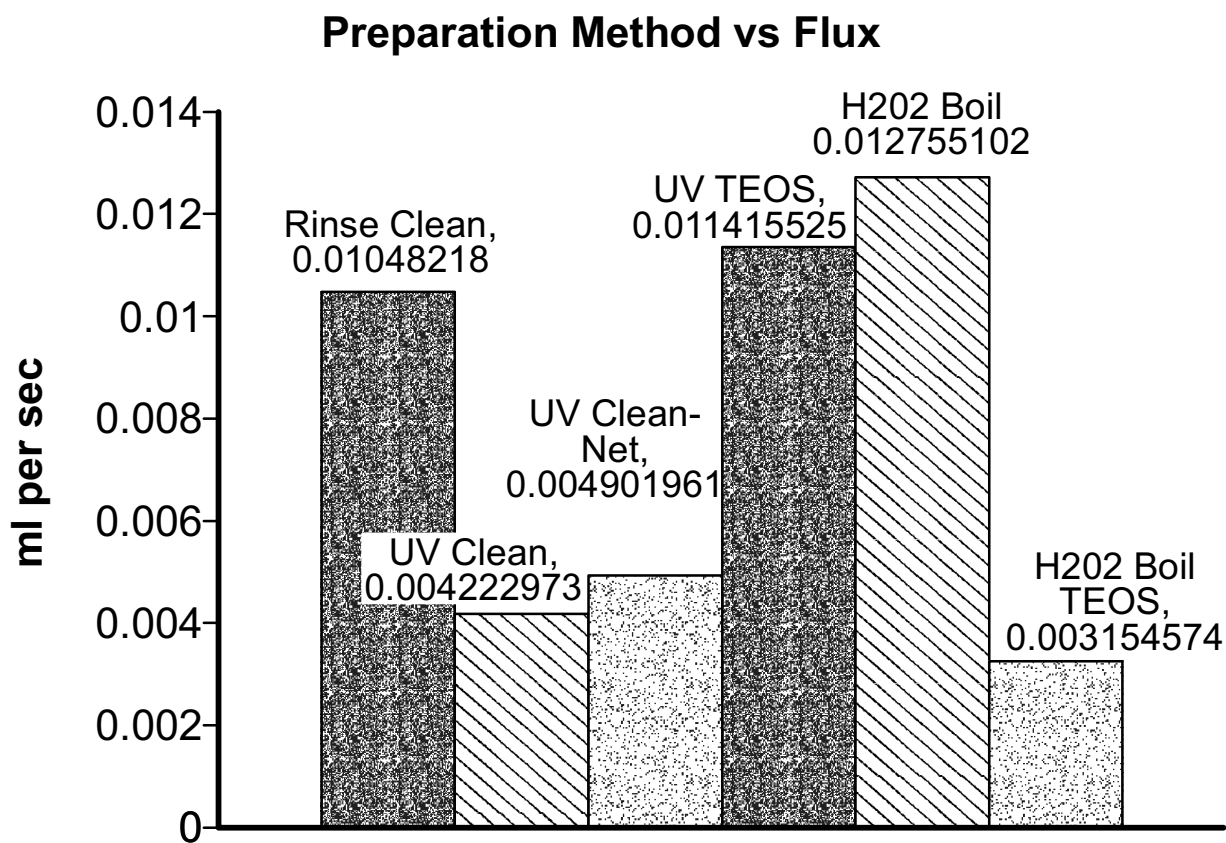


Figure 9B

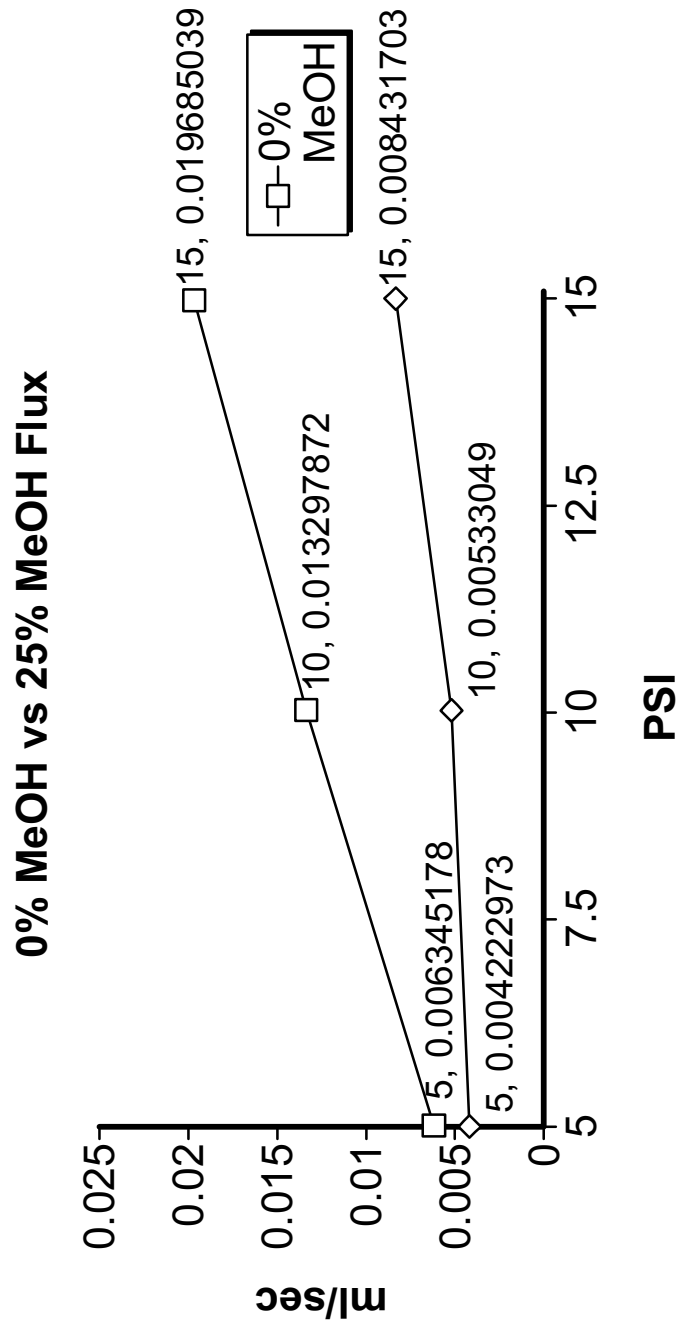


Figure 10

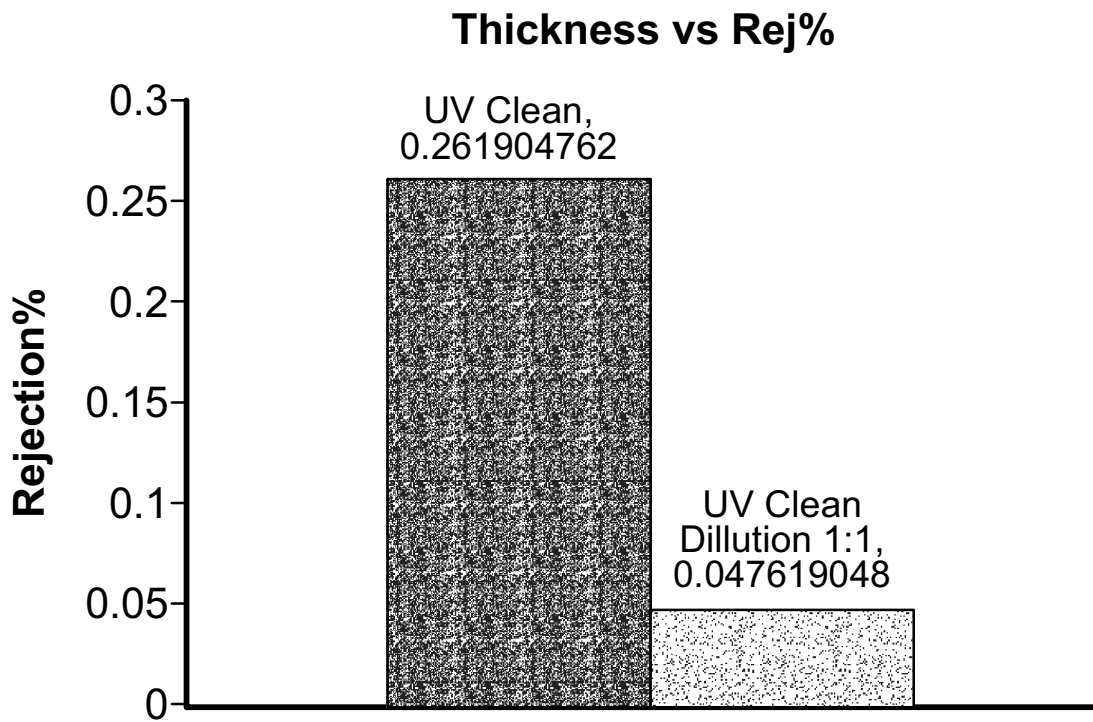


Figure 11A

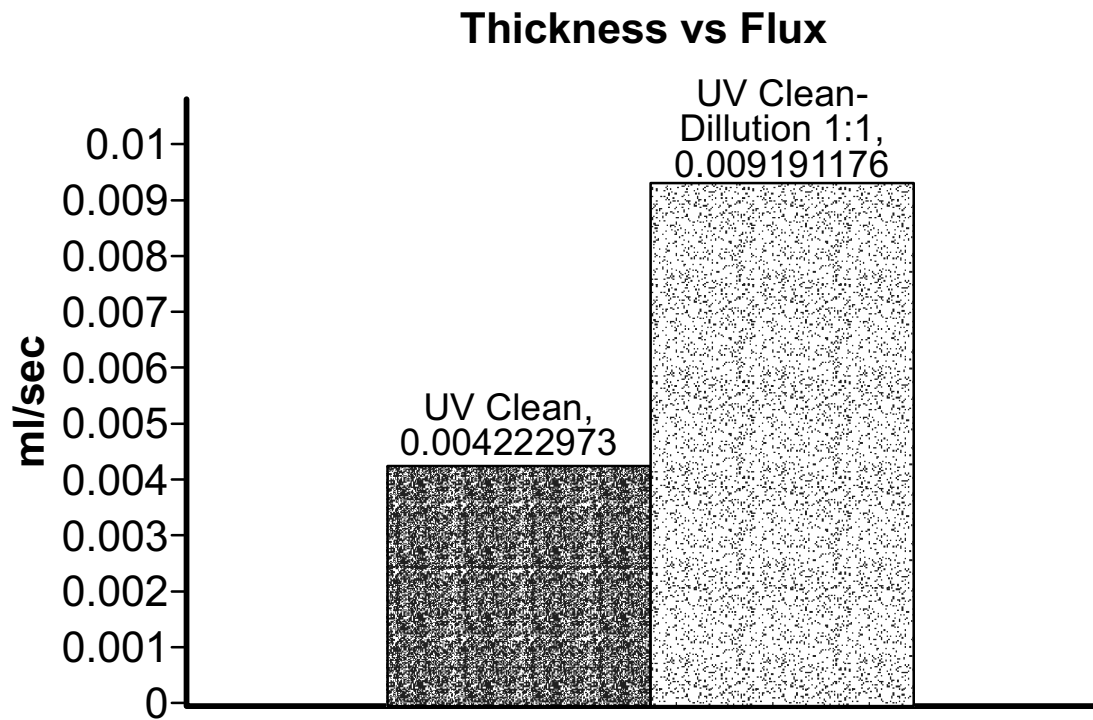


Figure 11B

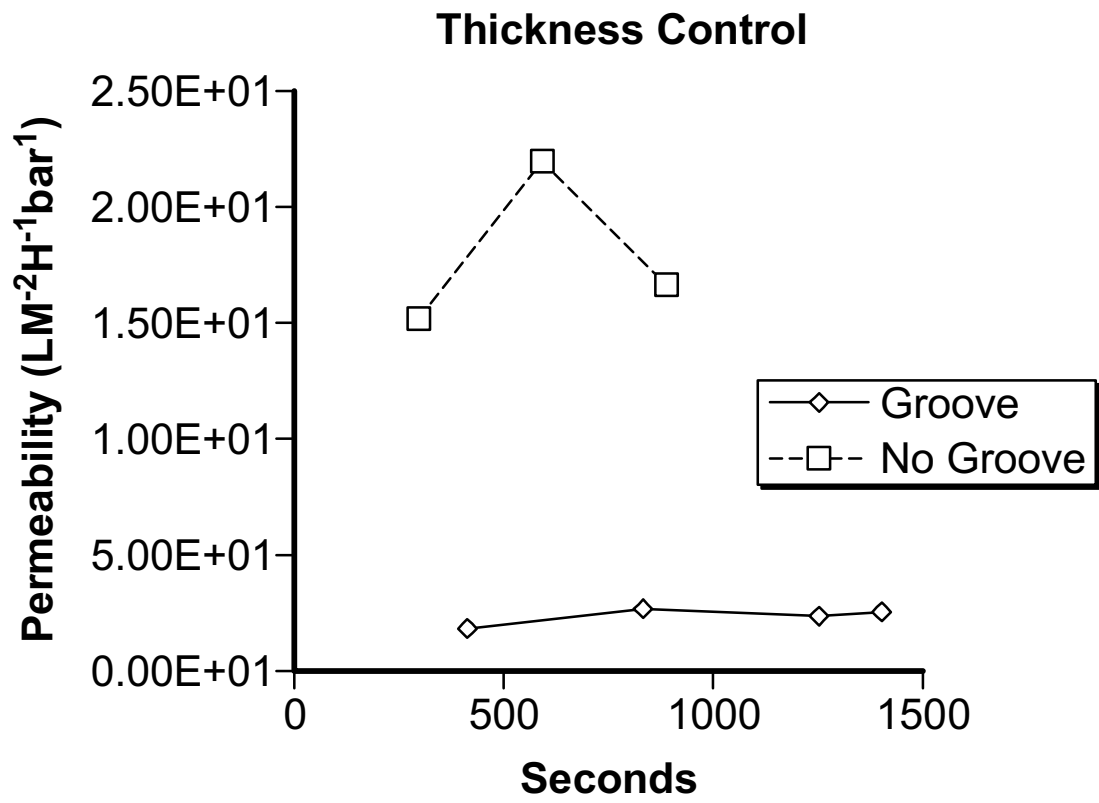


Figure 12

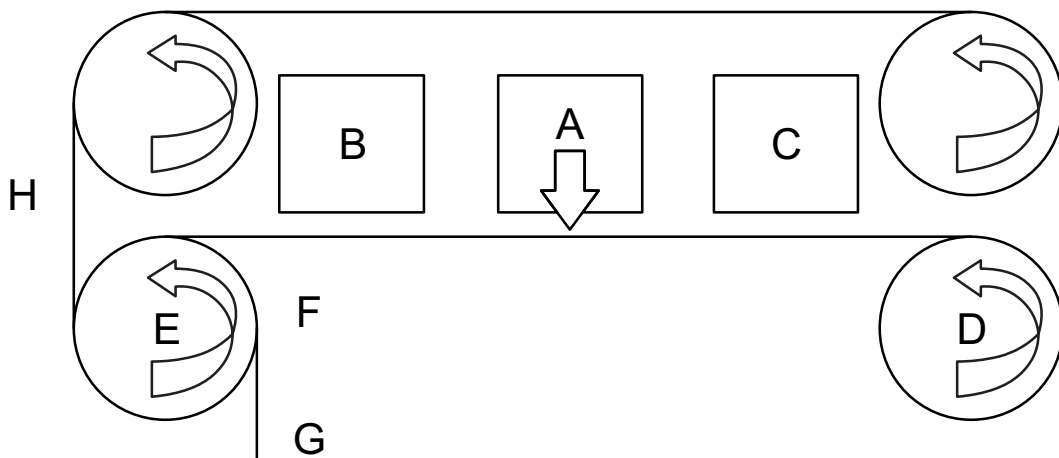
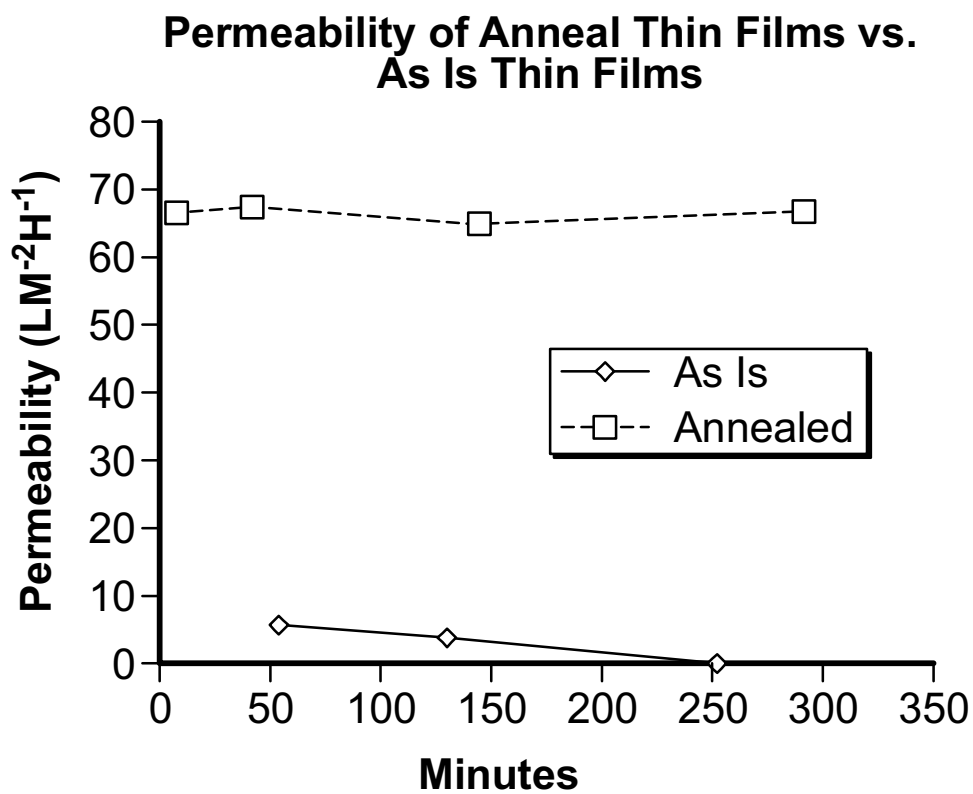


Figure 13

**Figure 14**

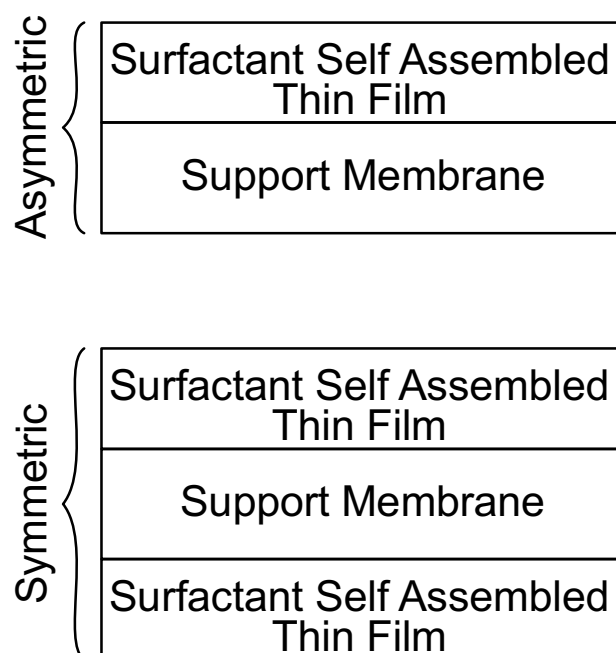


Figure 15

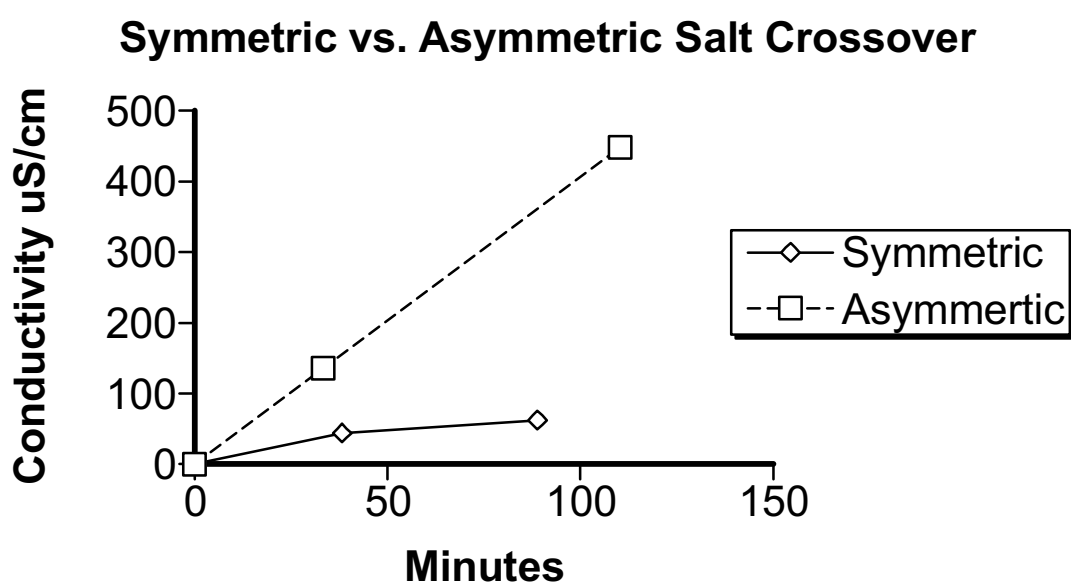


Figure 16

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Figure 17

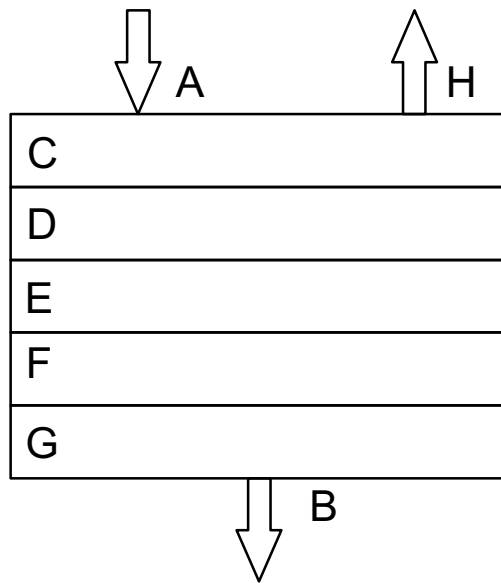


Figure 18

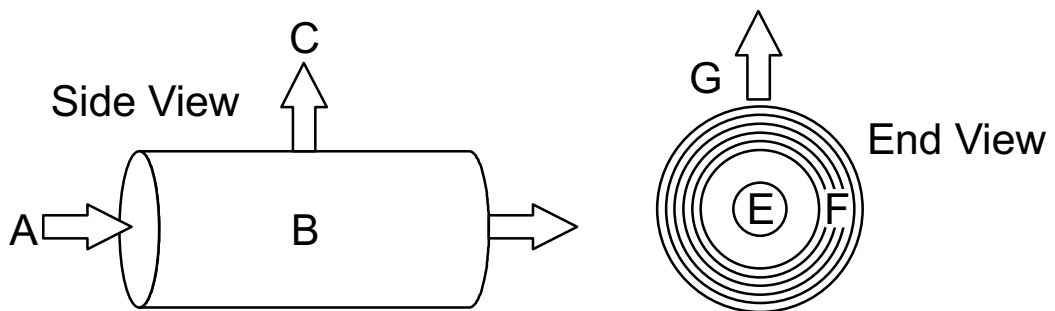


Figure 19

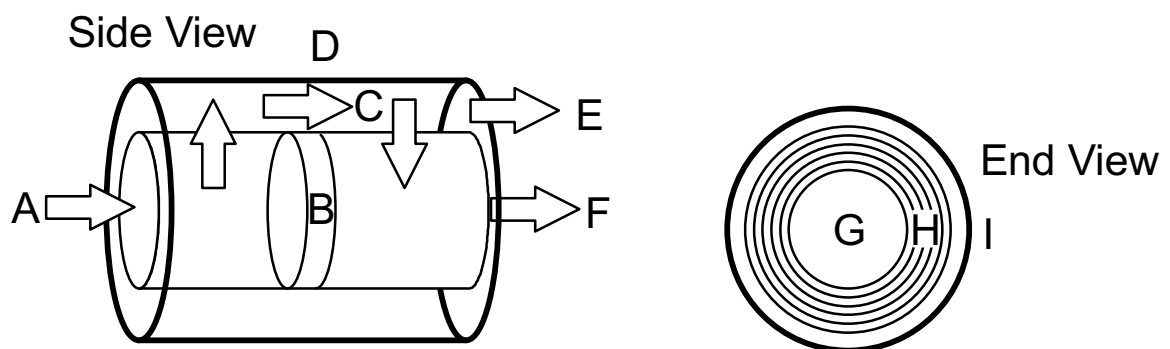


Figure 20

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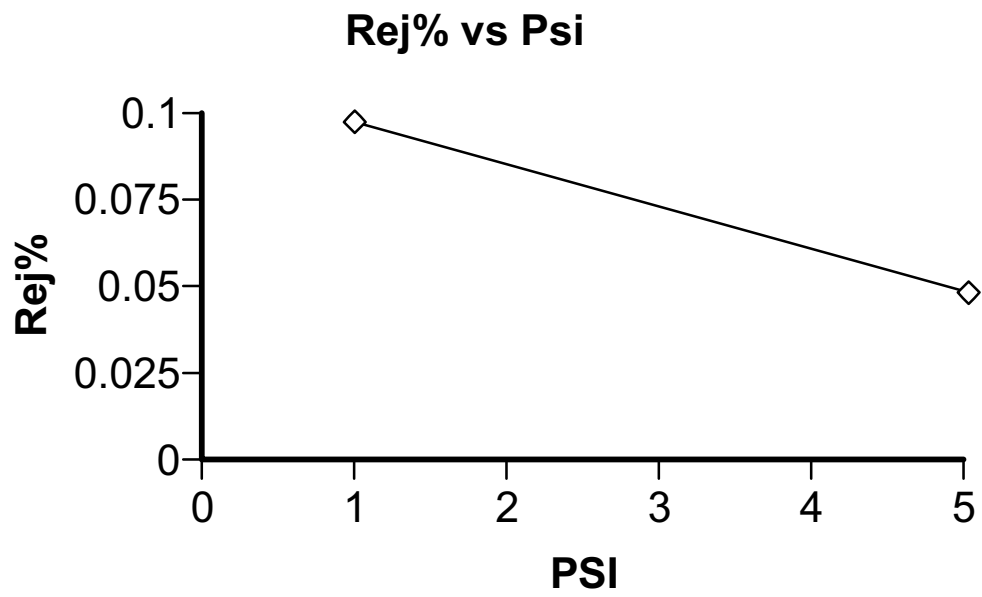


Figure 21A

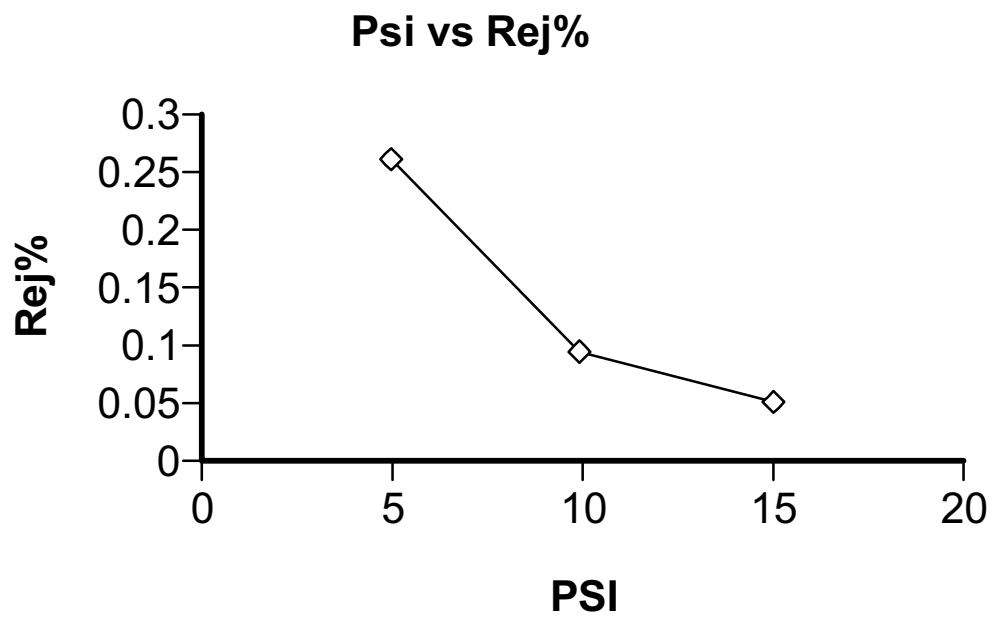


Figure 21B

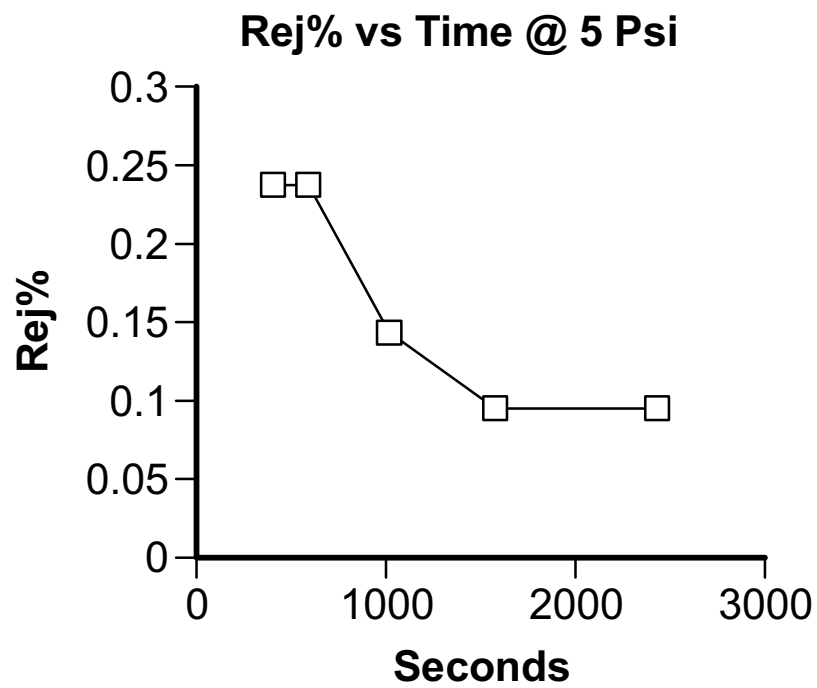


Figure 22A

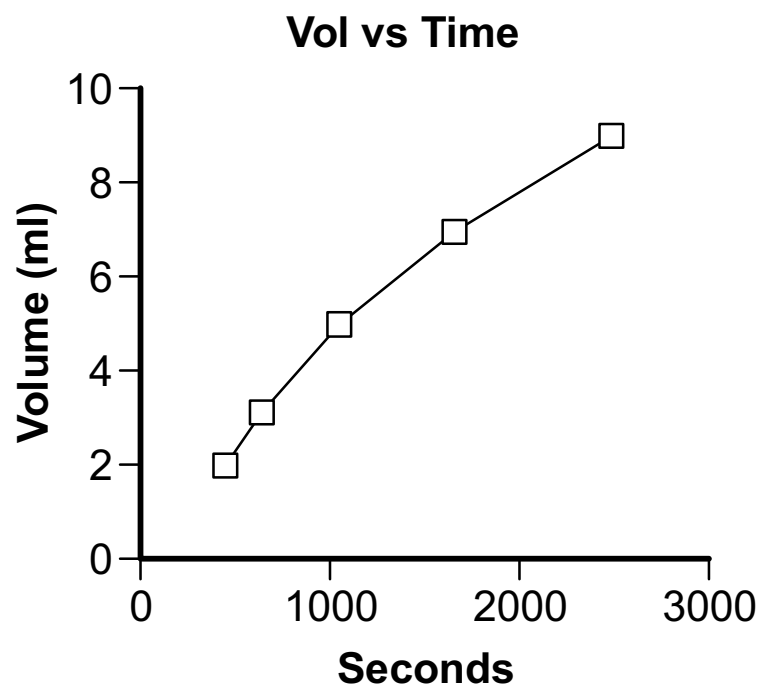


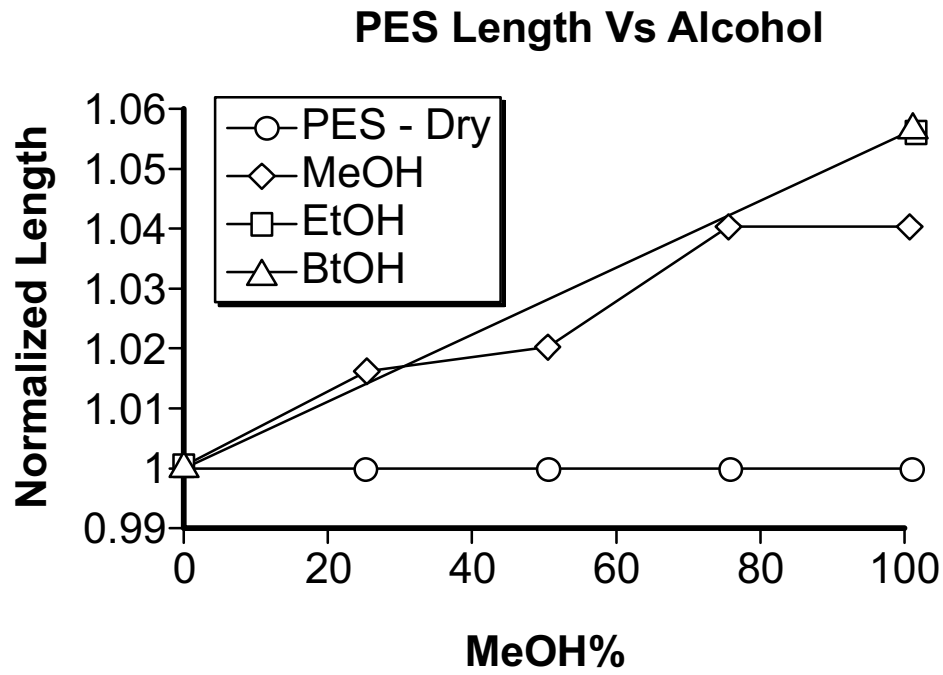
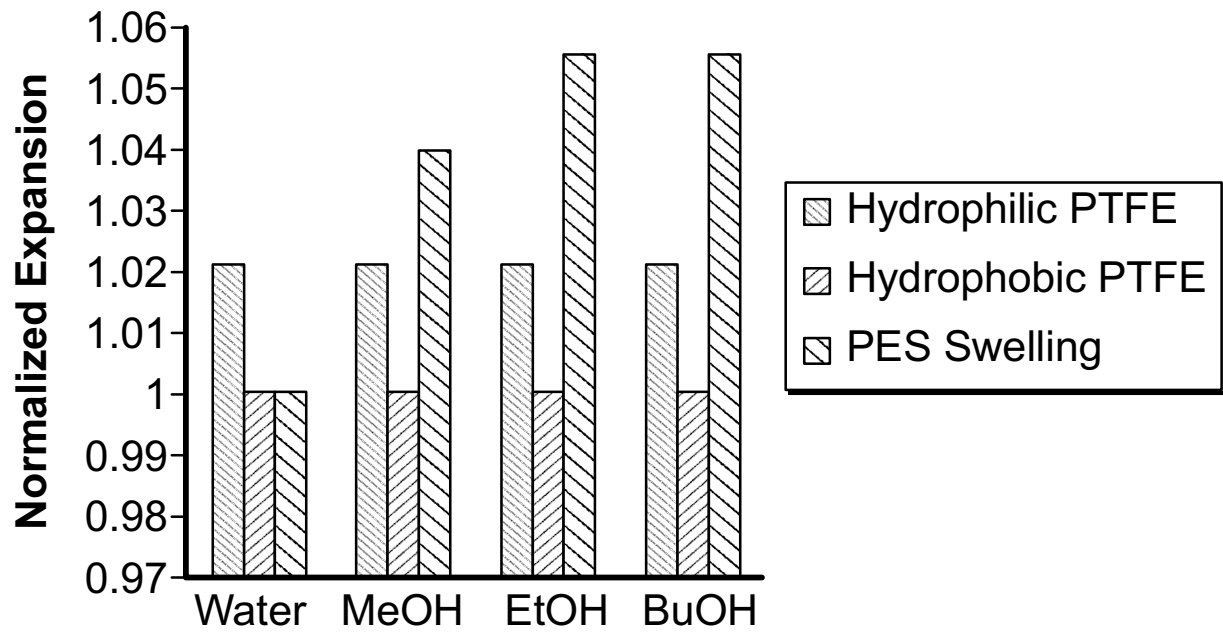
Figure 22B



Initial	Methanol Concentration	Volume
Retentate	19%	25 ml
Permeate	0%	0 ml

Final	Methanol Concentration	Volume
Retentate	20%	19.5 ml
Permeate	17%	5.5 ml

Figure 23

**Figure 24A****Figure 24B**

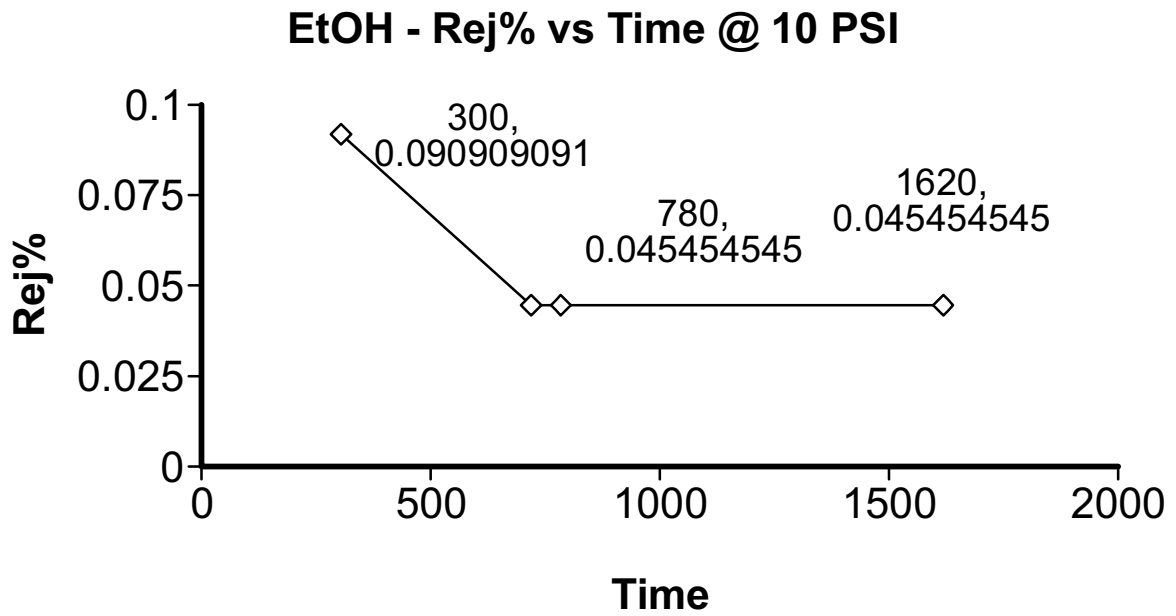


Figure 25A

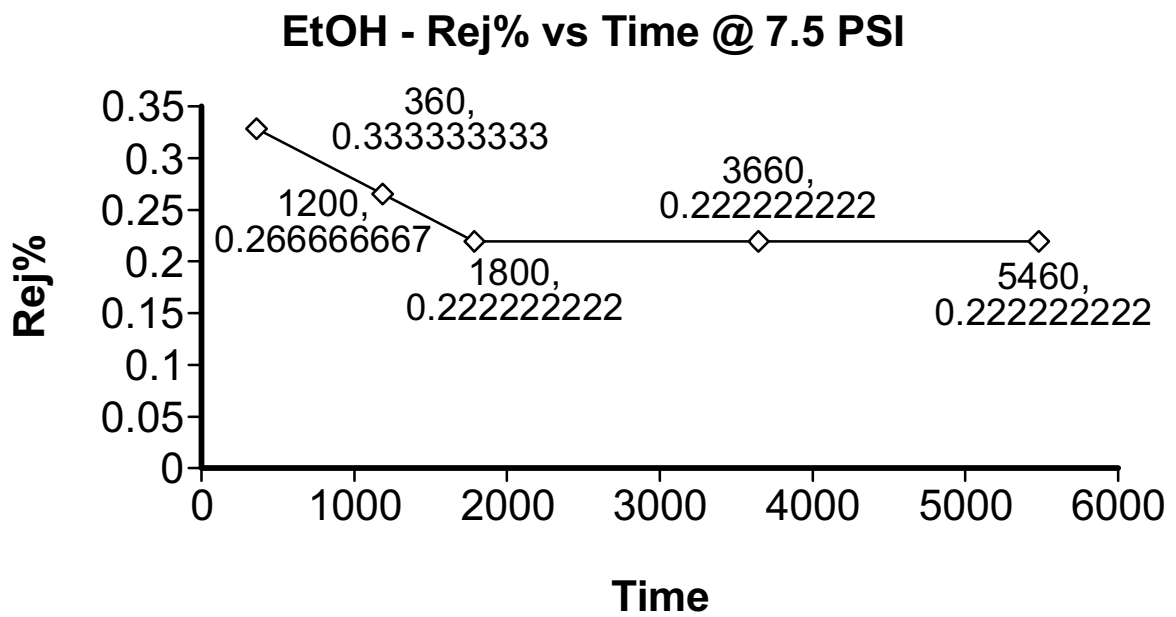


Figure 25B



Initial	Ethanol Concentration	Volume	Final	Ethanol Concentration	Volume
Retentate	20.5%	25 ml	Retentate	21%	17.5 ml
Permeate	0%	0 ml	Permeate	19.2%	7.4 ml

Figure 26

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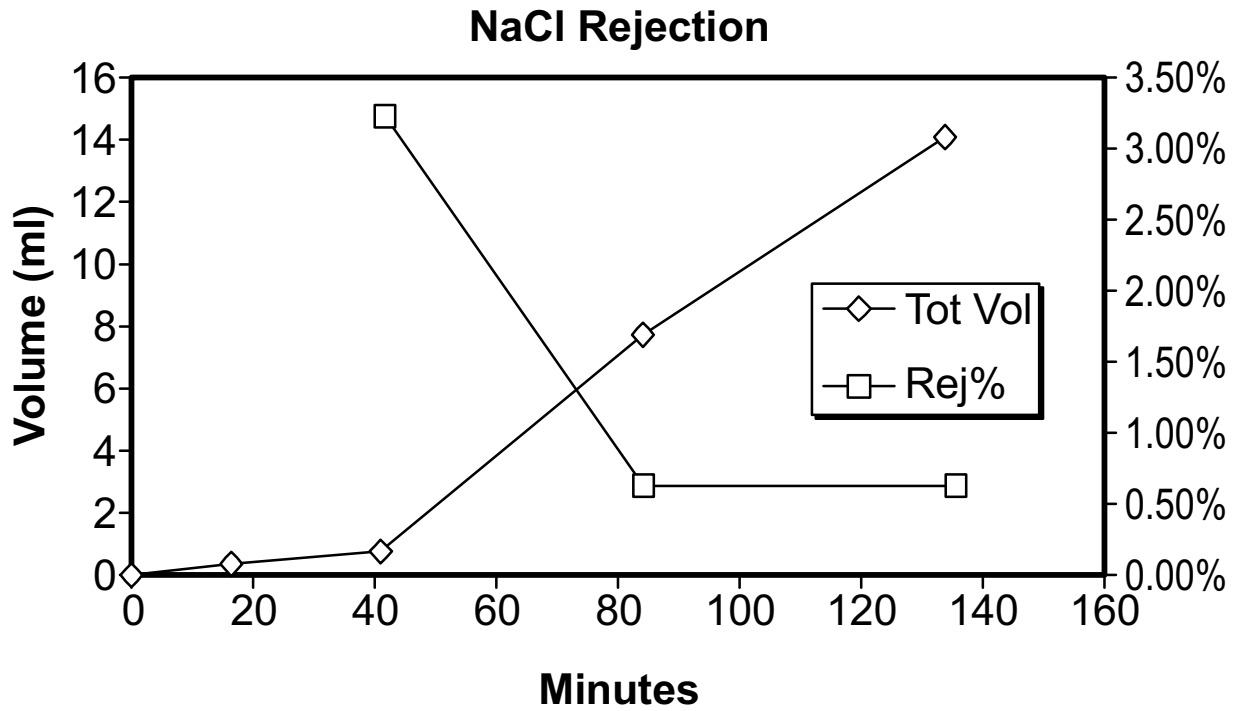


Figure 27

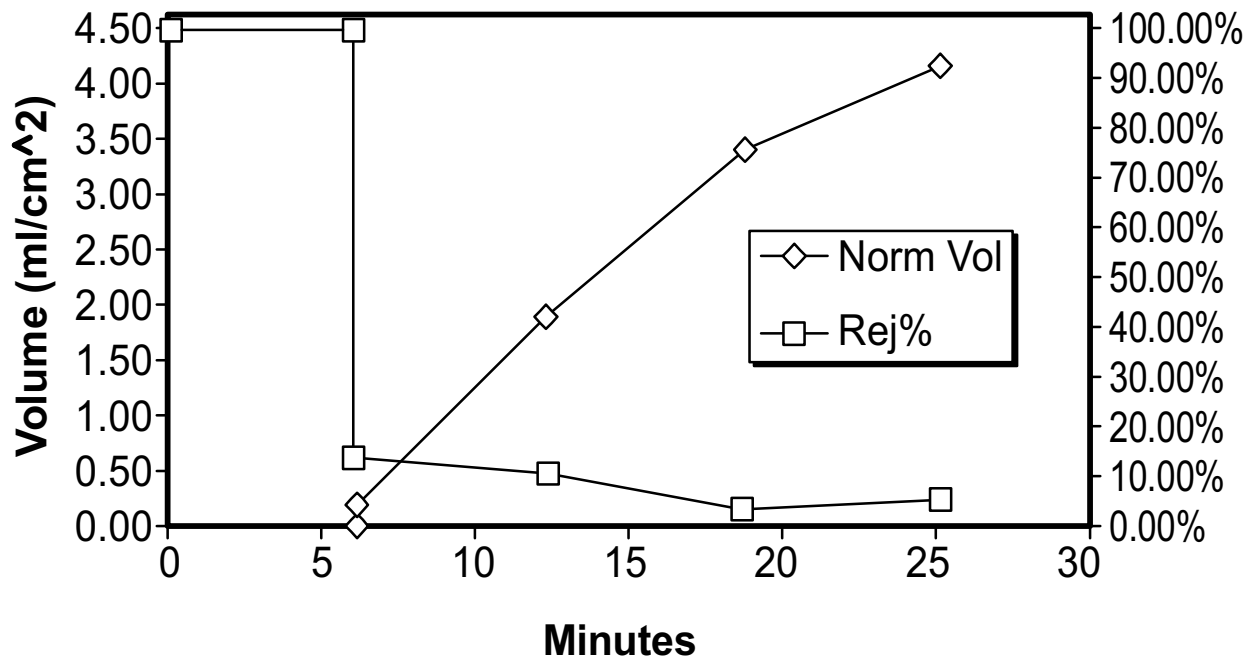


Figure 28

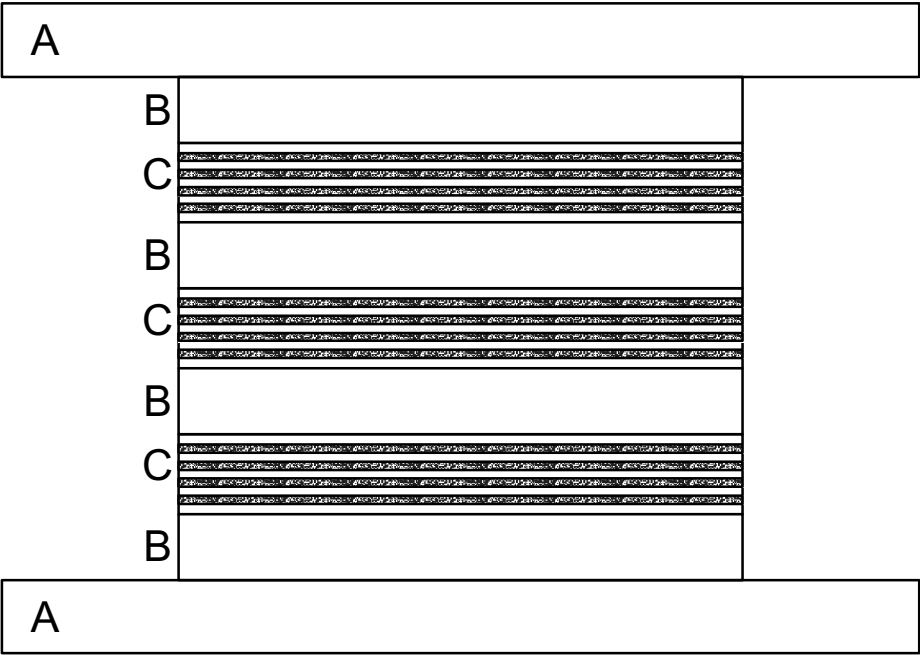


Figure 29

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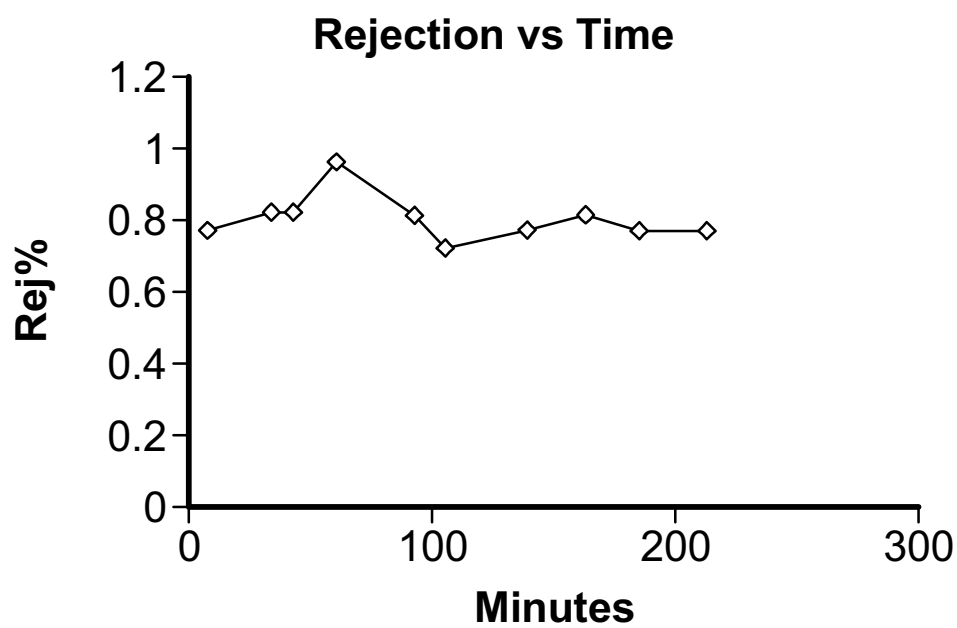


Figure 30A

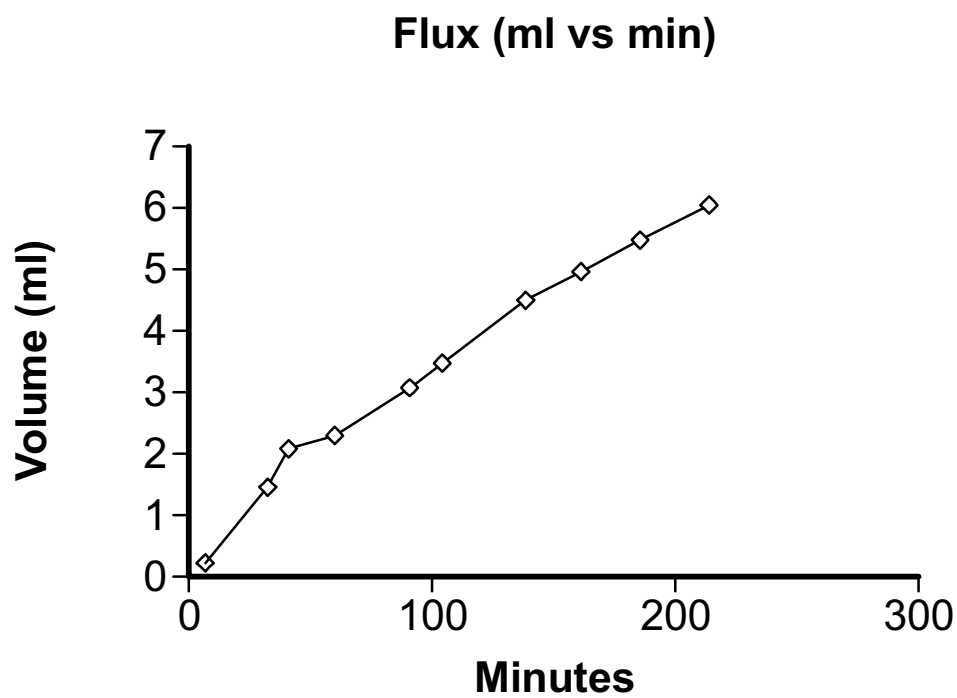


Figure 30B

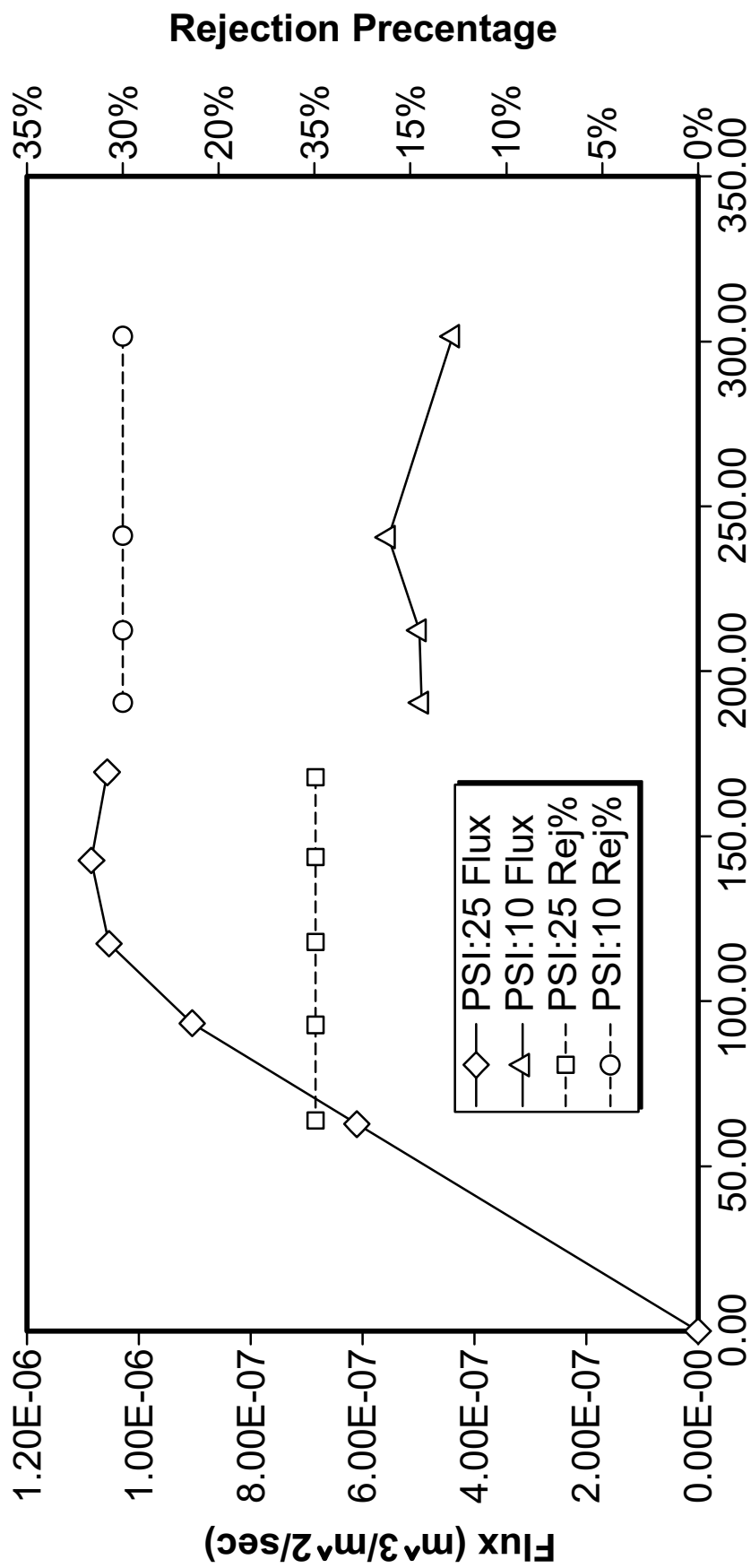


Figure 31

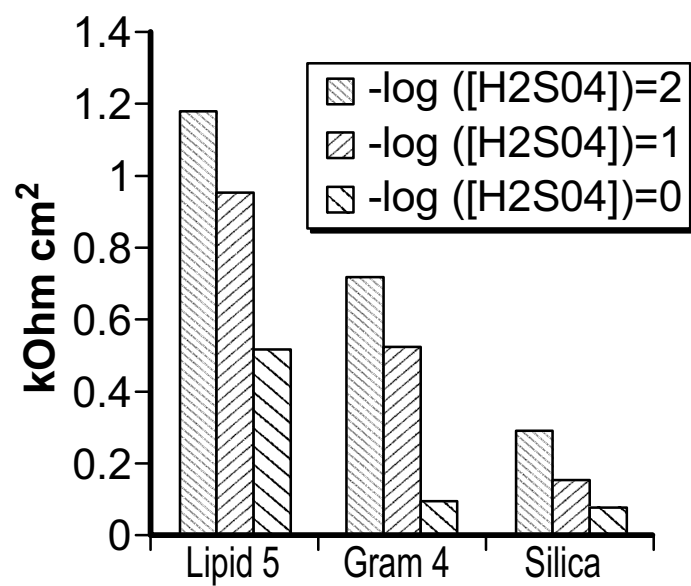


Figure 32A

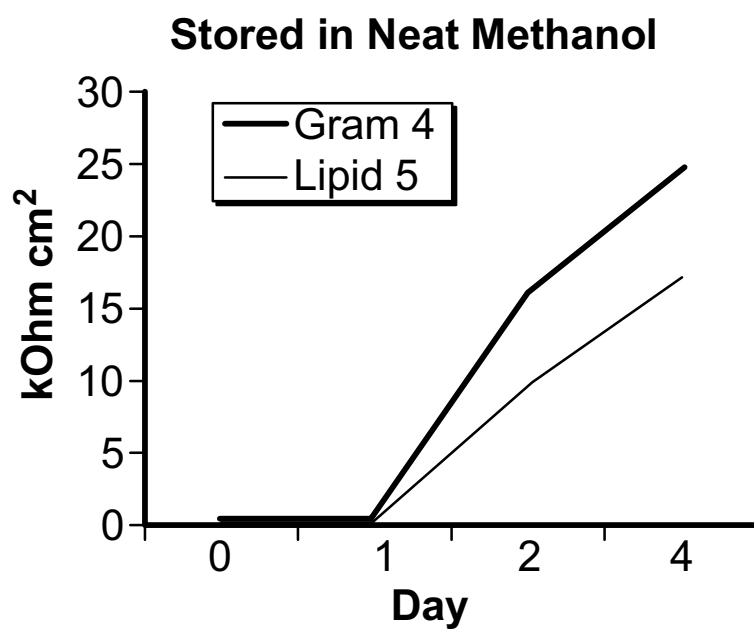


Figure 32B

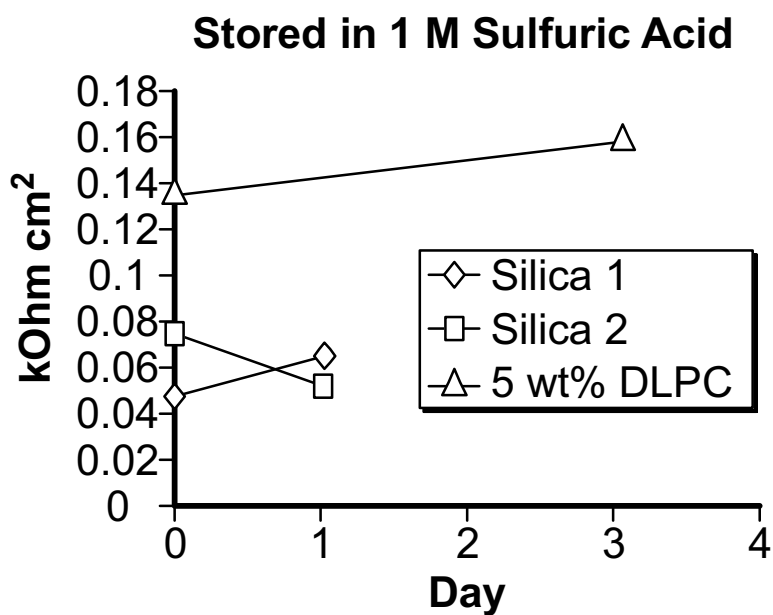


Figure 32C

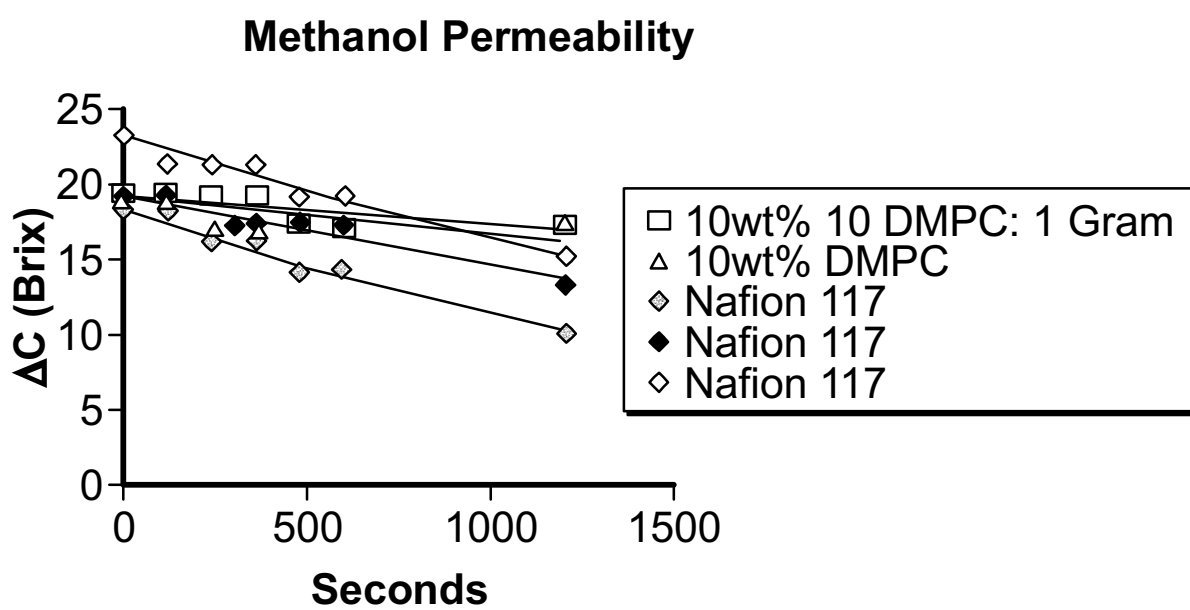


Figure 32D

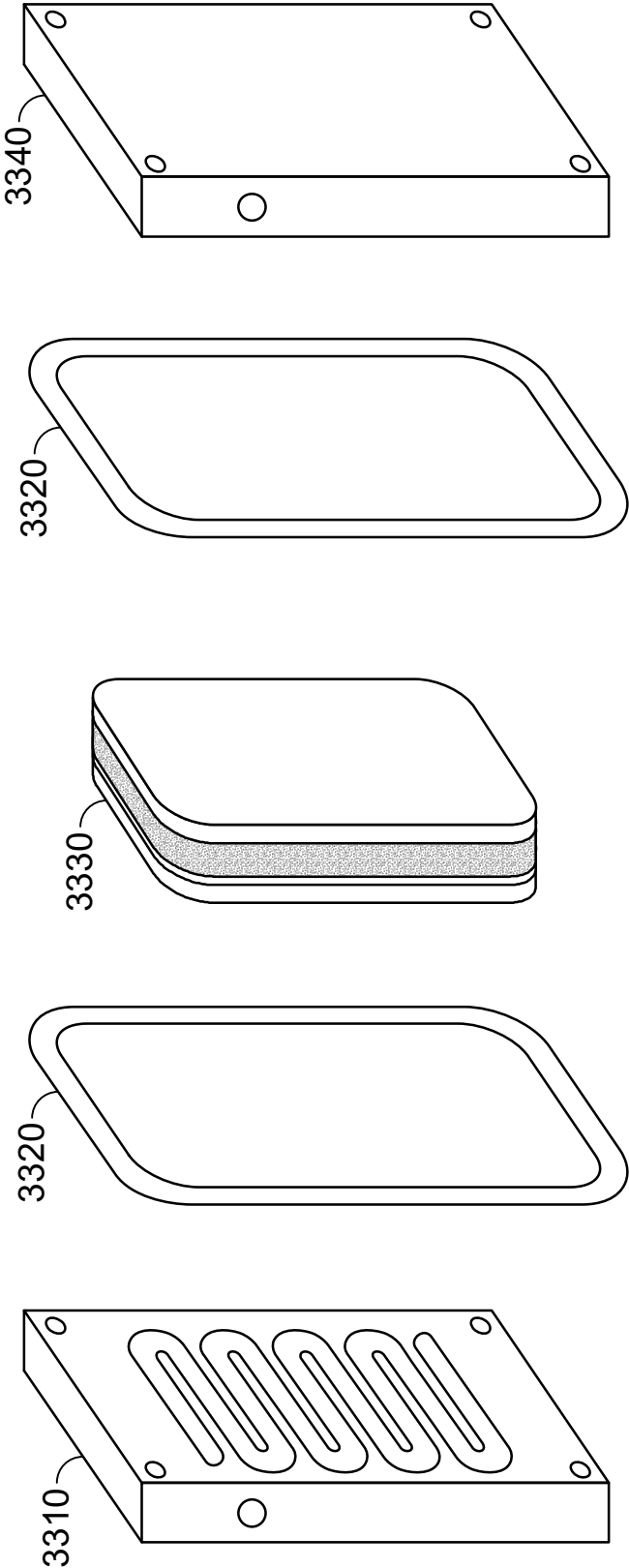


Figure 33