



A Dollarization of Mobilize in a Catheter Tube

Compounding Solutions has presented the benefits of adding the Mobilize® additive to increase lubricity, however, adding Mobilize® to your catheter tubing compound can also save you money. If we look at a typical simple catheter build using an etched PTFE liner, Pebax® & BaSO4 outer layer, FEP Shrink tubing and a hydrophilic coating versus a catheter build made with Pebax®, BaSO4 & Mobilize outer layer.

Component	Catheter Build w/o Mobilize	Catheter Build with Mobilize	Notes
PTFE Liner @ 4ft length etched with tie layer	\$50.00 per length	\$0.00	The PTFE liner can be eliminated with the benefit of reduction of insertion force and ease to remove from mandrel with Mobilize
Pebax Compound Outer Layer @ 4ft length	\$15.00 per length	\$20.00 per length	The cost of 50lbs of Pebax & BaSO4 compound = \$43/lb. The cost of 50lbs of Pebax, BaSO4 & Mobilize compound = \$75/lb
FEP Shrink Tubing @ 4ft Length	\$12.00 per length	\$12.00 per length	Necessary cost in building of the catheter
Hydrophillic Coating @ 4ft Length	\$15.00 per length	\$0.00	The Mobilize additive reduce the coefficient of friction by 30% of both the inner and outer surface
Total	\$92.00 per length	\$32.00 per length	65% COST REDUCTION

The above dollarization does not figure in the most recent discovered benefit of Mobilize®, increased production speed. Customers have reported a significant reduction in die head pressure, allowing for up to 15% faster line speed/output equating to reduced costs.