



35 Industrial Parkway
Somerville, NJ. 08876 USA

&
Biosearch Medical Products, Inc.
(a subsidiary of Hydromer, Inc.)
Tel: 908-722-5000

UNCOATED
0.387

Hydromer coated (25 cycles)
0.056

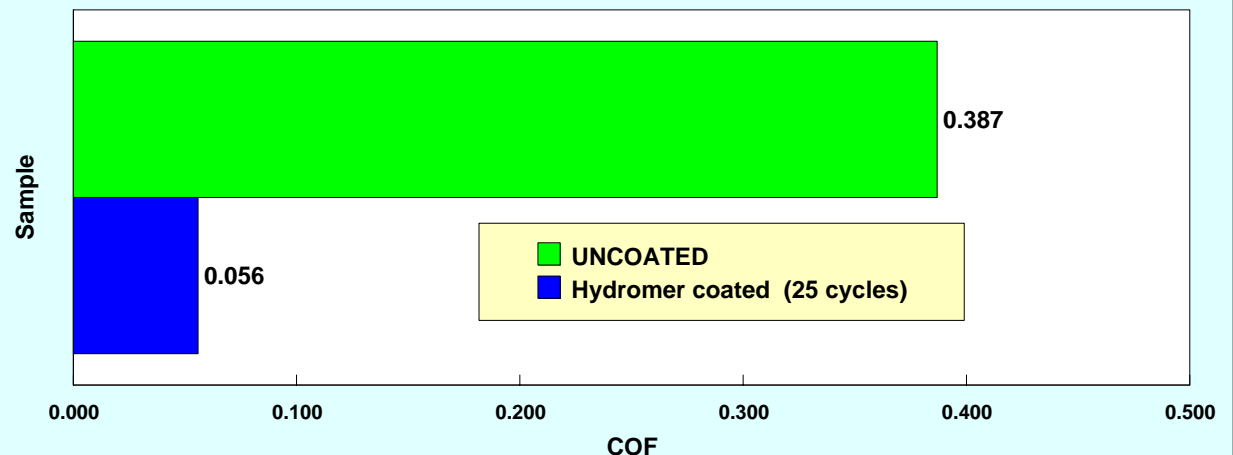
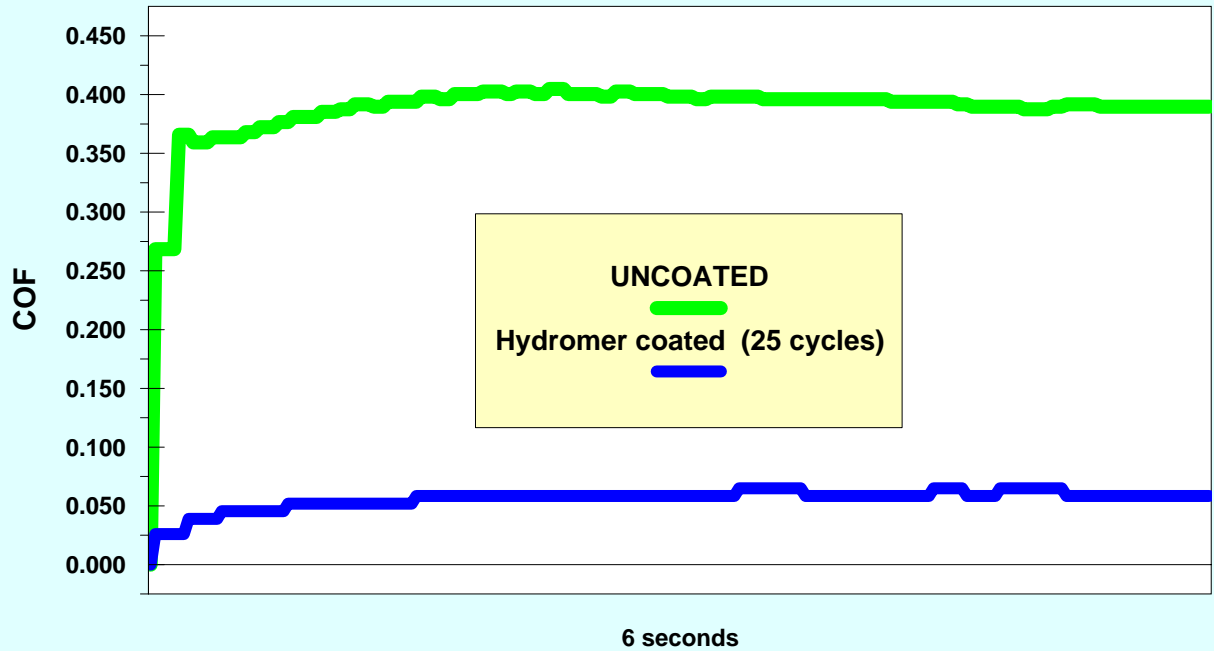
NOTE: Primer: 5-TS-72P
Hydromer: 6-TS-51
Cured: 140F @ 12 hours

Friction test: ASTM D1894
COF= (Pull Force/ Sled Wgt)

Sled Wgt.= 350 gm = 0.77 lb

Test method is per Biosearch:
STM-92023, Rev. F

Wet Friction Tests (HDPE (Phillips Marlex #4903 Dilators 6fr. -> 30fr.) (HYDROMER tested 04/19/2007) Drag Sled = 350gr, Hydrated for 45 sec @ 23C





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UNCOATED
0.202

Hydromer coated (avg. 3 cycles)
0.022

Hydromer coated (25 cycles)
0.020

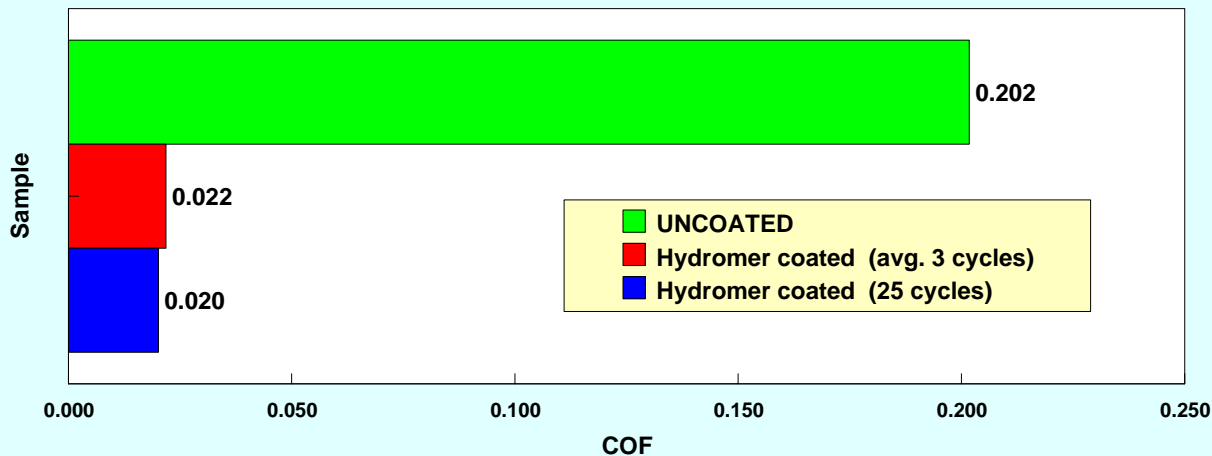
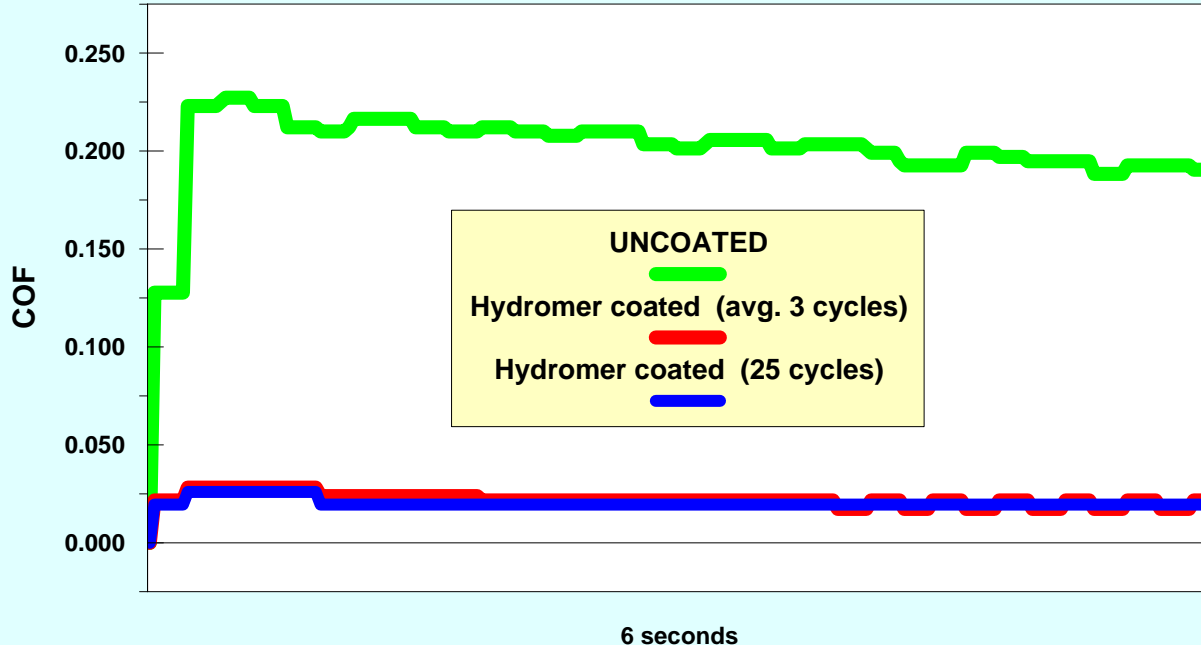
NOTE: Primer: 5-TS-72P
Hydromer: 6-TS-51
Cured: 60C @ 12 hours

Friction test:
COF= (Pull Force/ Sled Wgt)

Sled Wgt.= 350 gm = 0.77 lb

Test method is per Biosearch:
STM-92023, Rev. F

Wet Friction Tests (HDPE - Phillips Marlex #4903) (HYDROMER tested 03/09/2007) Drag Sled = 350gr, Hydrated for 45 sec @ 23C



Hydromer Inc.
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COF values

UNCOATED
 0.260

Hydromer set "A" (25 cycles)
 0.120

Hydromer set "B" (25 cycles)
 0.044

HYDROMER Group "A"

Hydromer: 2-MD-100C

HYDROMER Group "B"

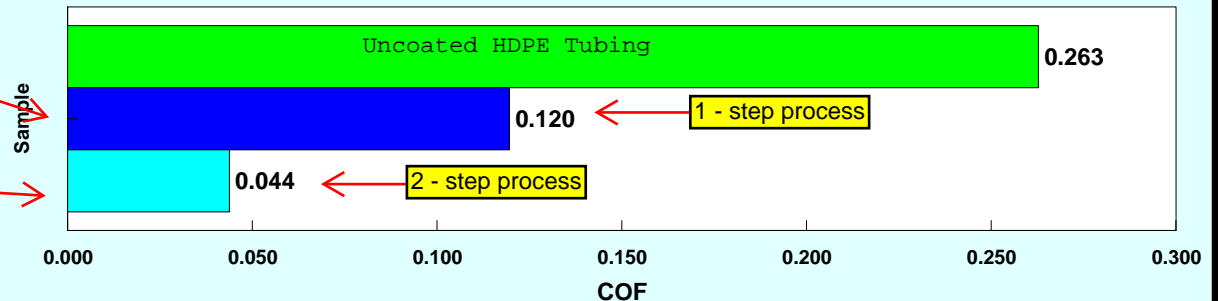
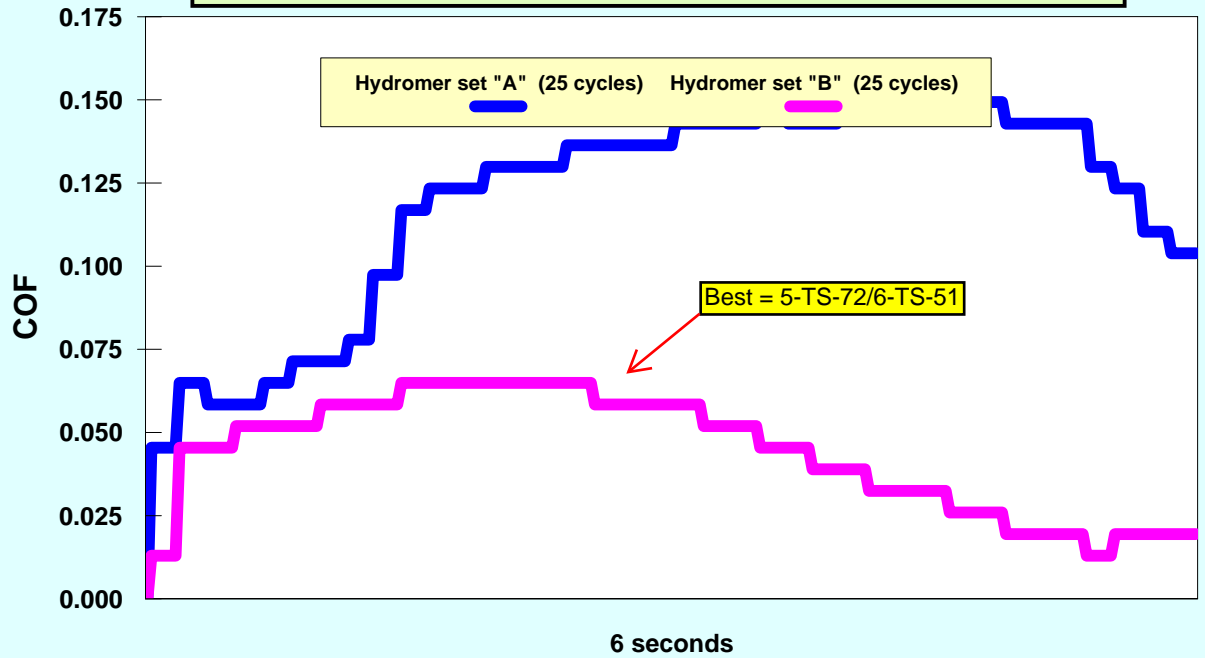
Primer: 5-TS-72
 Hydromer: 6-TS-51

Friction test:
 $COF = (\text{Pull Force} / \text{Sled Wgt})$

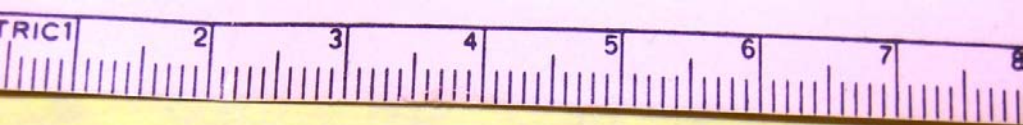
Sled Wgt. = 350 gm = 0.77 lb

Test method is per Biosearch:
 STM-92023, Rev. F

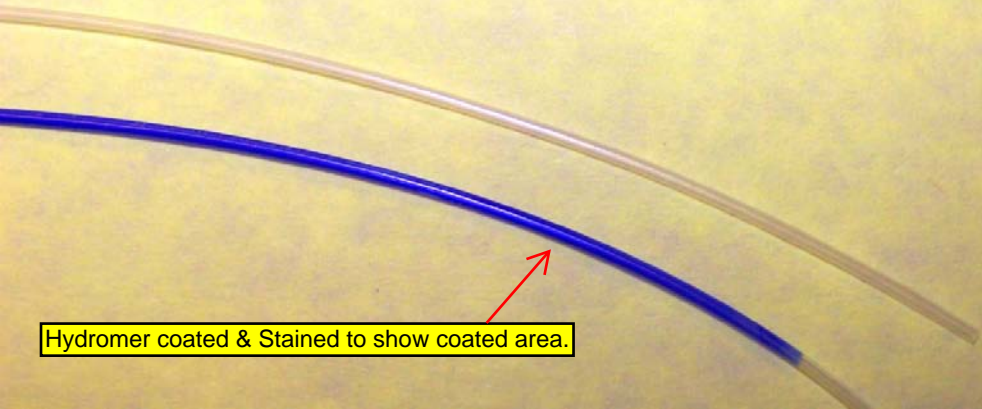
Wet Friction Test (LDPE/HDPE Blend TUBING)
 (HYDROMER tested 02/23/2007) Drag = 350gr, Hydrated for 45 sec @ 23C



UNCOATED Hydromer set "B" (25 cycles)
 Hydromer set "A" (25 cycles)



LDPE/HDPE Blend



Hydromer coated & Stained to show coated area.