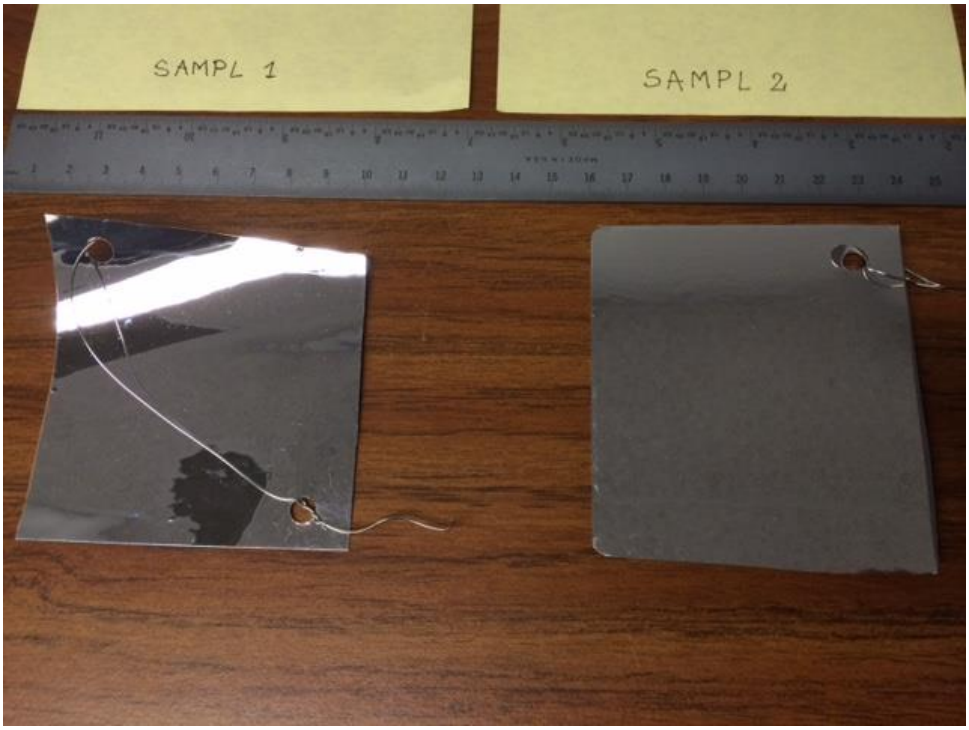
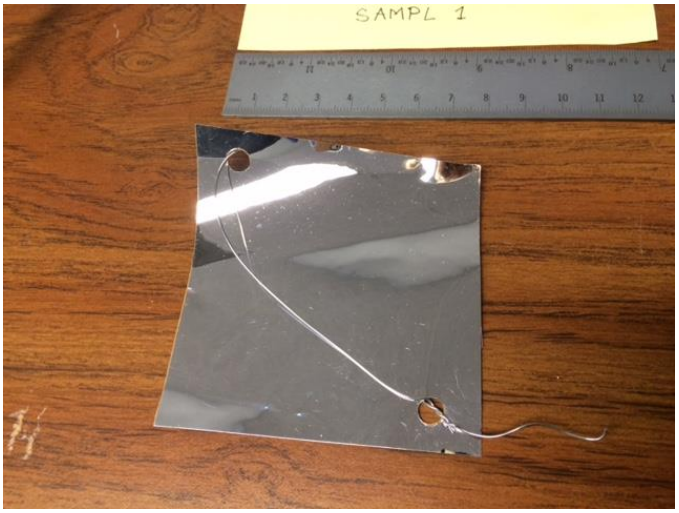
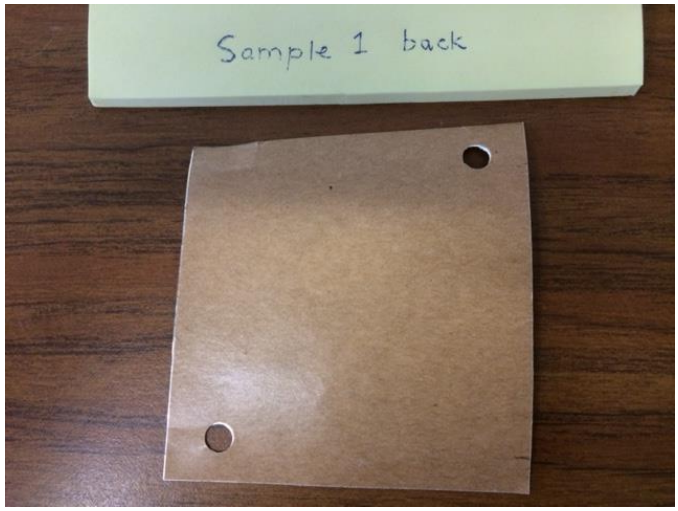
Reflective Film Test 3/7/2017 – 3/13/2017

PAB Materials Test System	
Date of Receipt	3/29/17 , logbook sample1 # 5775, sample2 #5787
Sample Name/Description	Reflecting film - 3M DF2000MA
	digikey.com/product-detail/en/3m/75347099659/75347099659-ND/4988904
Sample 1	Reflecting film with peeled off protective coating.
Composition:	polymeric film with pressure-sensitive adhesive covered by paper liner
Picture Location:	data base
Weight:	~1.4 g
Dimensions/Area:	~ 78 mm x 80 mm
Source:	Bryce Littlejohn
Preparation:	no cleaning, peeled off protective coating
Time in the airlock(hrs)	
Vacuum:	10 min
Purge	24 hours with gas Argon from Luke
Liquid Test Sample 1	
Start Time/Date, End Time/Date :	3/8/2017 10:40 am, 3/9/2017 2:40 pm
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H20 reading:	7 ppb
Temperature:	95 K
Liquid Level	20.6-20.2 inches
Lifetime:	5 ms
Sample 2	Reflecting film mounted to a SS plate(with its own adhesive layer)
Composition:	polymeric film
Picture Location:	data base
Weight:	52 g with SS plate
Dimensions/Area:	78 mm x 85 mm
Source:	Bryce Littlejohn
Preparation:	no cleaning, peel off protective coating
Time in the airlock(hrs)	
Vacuum:	15 min
Purge	23 hours with gas Argon from Luke
Liquid Test Sample 2	
Start Time/Date, End Time/Date :	3/10/2017 1:30 pm, 3/13/2017 10:45 am
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H20 reading:	5 ppb after 24 hours, 3.5 after 69 hours
Temperature:	95 K
Liquid Level	19.5-18 inches
Lifetime:	5.5 ms after 24 hours, 4.5 ms after 69 hours

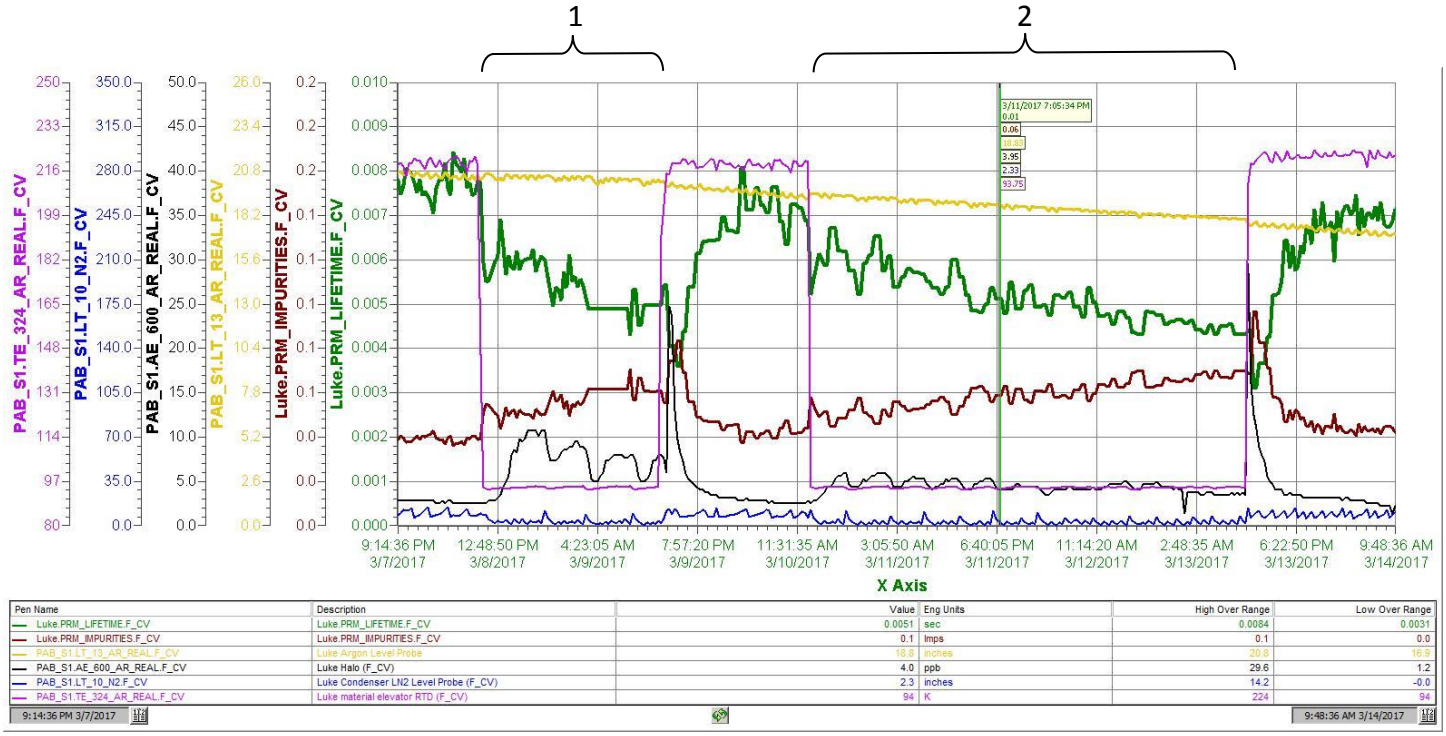

SAMPL 1
SAMPL 2


SAMPL 1


Sample 1 back


SAMPL 2

1. Liquid test sample 1
2. Liquid test sample 2



Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen