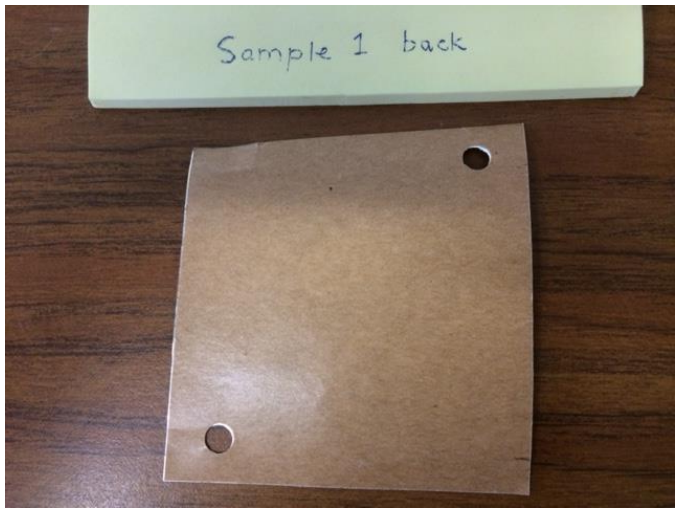
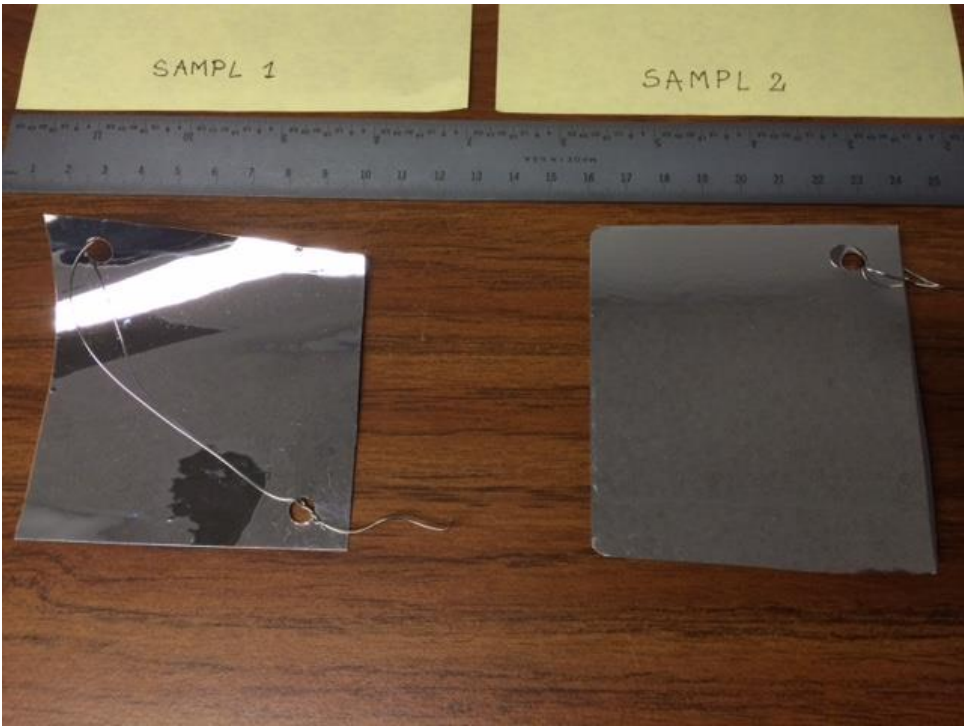


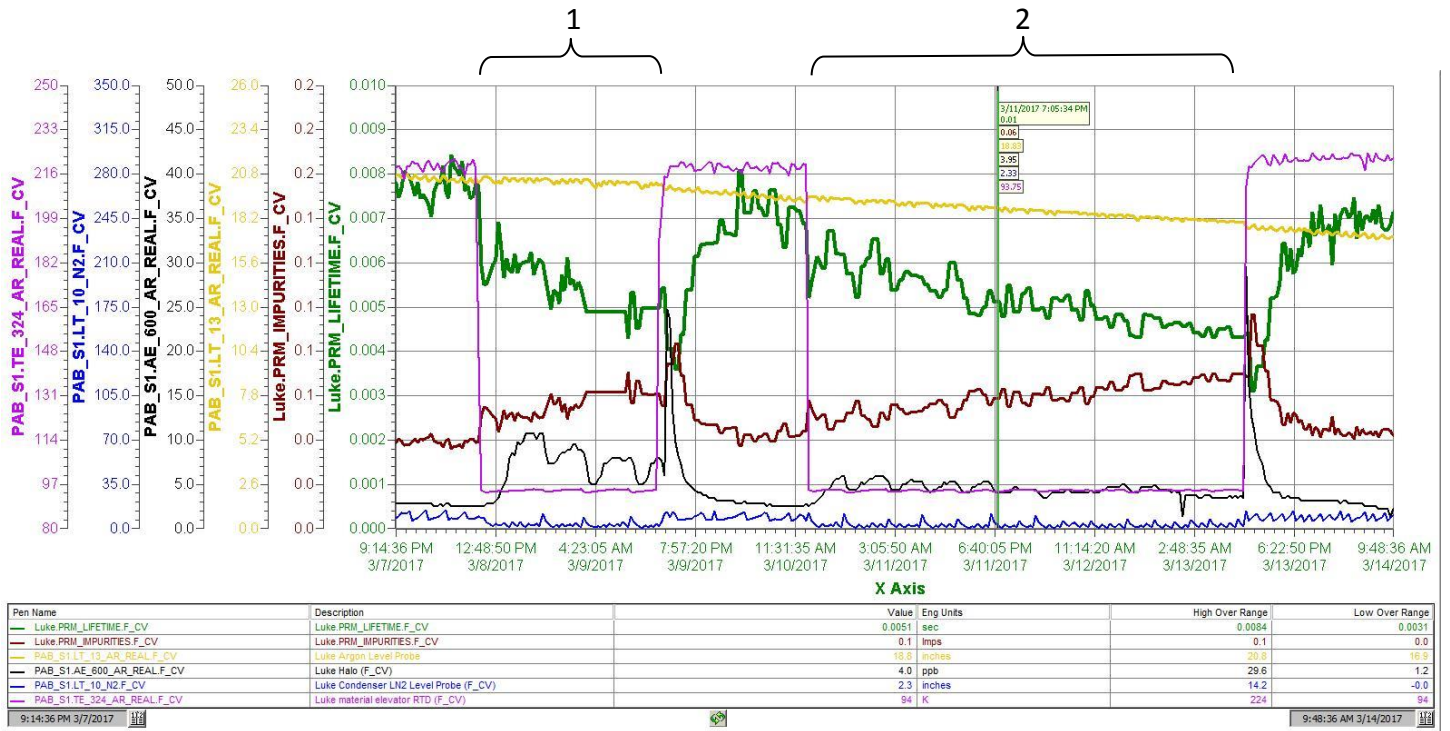
# Reflective Film Test

## 3/7/2017 – 3/13/2017

<b><i>PAB Materials Test System</i></b>	
<b>Date of Receipt</b>	3/29/17 , logbook sample1 # 5775, sample2 #5787
<b>Sample Name/Description</b>	Reflecting film - 3M DF2000MA <a href="http://digikey.com/product-detail/en/3m/75347099659/75347099659-ND/4988904">digikey.com/product-detail/en/3m/75347099659/75347099659-ND/4988904</a>
<b>Sample 1</b>	Reflecting film with peeled off protective coating.
<b>Composition:</b>	polymeric film with pressure- sensitive adhesive covered by paper liner
<b>Picture Location:</b>	data base
<b>Weight:</b>	~1.4 g
<b>Dimensions/Area:</b>	~ 78 mm x 80 mm
<b>Source:</b>	Bryce Littlejohn
<b>Preparation:</b>	no cleaning, peeled off protective coating
<b>Time in the airlock(hrs)</b>	
<b>Vacuum:</b>	10 min
<b>Purge</b>	24 hours with gas Argon from Luke
<b>Liquid Test Sample 1</b>	
<b>Start Time/Date, End Time/Date :</b>	3/8/2017 10:40 am, 3/9/2017 2:40 pm
<b>PrM run # :</b>	x
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>H2O reading:</b>	7 ppb
<b>Temperature:</b>	95 K
<b>Liquid Level</b>	20.6-20.2 inches
<b>Lifetime:</b>	5 ms
<b>Sample 2</b>	Reflecting film mounted to a SS plate(with its own adhesive layer)
<b>Composition:</b>	polymeric film
<b>Picture Location:</b>	data base
<b>Weight:</b>	52 g with SS plate
<b>Dimensions/Area:</b>	78 mm x 85 mm
<b>Source:</b>	Bryce Littlejohn
<b>Preparation:</b>	no cleaning, peel off protective coating
<b>Time in the airlock(hrs)</b>	
<b>Vacuum:</b>	15 min
<b>Purge</b>	23 hours with gas Argon from Luke
<b>Liquid Test Sample 2</b>	
<b>Start Time/Date, End Time/Date :</b>	3/10/2017 1:30 pm, 3/13/2017 10:45 am
<b>PrM run # :</b>	x
<b>Condenser state:</b>	on
<b>Filter state/settings:</b>	off
<b>H2O reading:</b>	5 ppb after 24 hours, 3.5 after 69 hours
<b>Temperature:</b>	95 K
<b>Liquid Level</b>	19.5-18 inches
<b>Lifetime:</b>	5.5 ms after 24 hours, 4.5 ms after 69 hours



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