

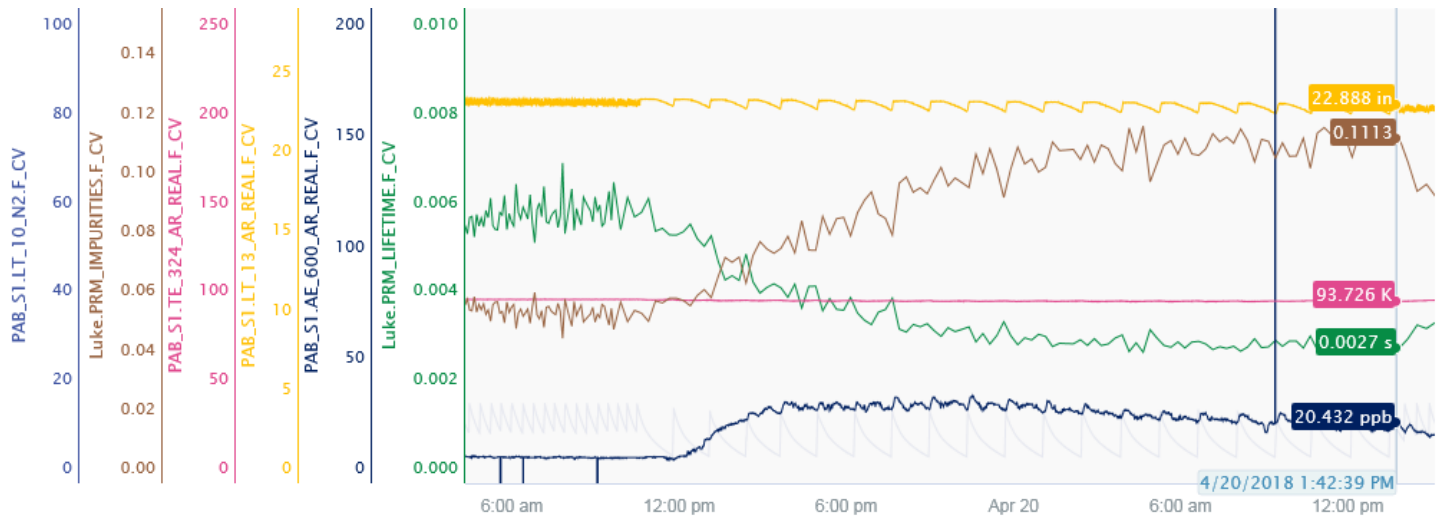
Polyester Sleeve Test

4/18/2018 – 4/26/2018

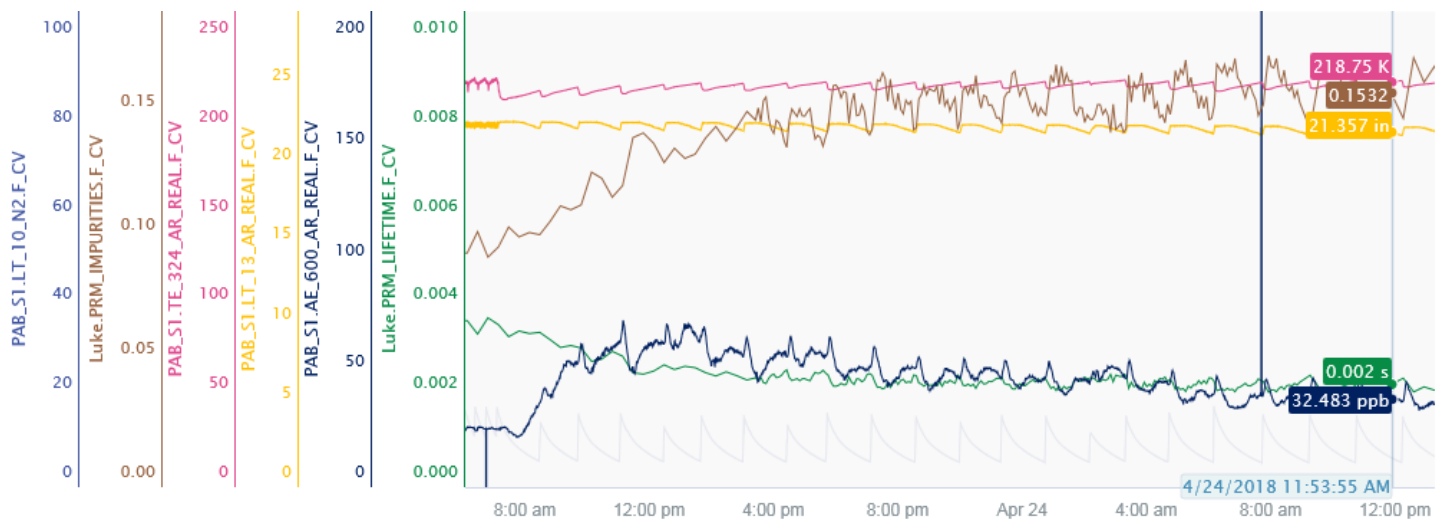
<i>PAB Materials Test System</i>	
Date of Receipt	4/26/18 , logbook entry # 6817
Sample Name/Description	Polyester Sleeve (Flame-retardant Expandable Sleeving) to be used in protoDUNE and SBND
Sample	https://www.mcmaster.com/#9196k14/=1ar4tzv
Composition:	Polyester
Picture Location:	data base
Weight:	~27.4 grams
Dimensions/Area:	length ~250 cm, (id 1/2 inch, wall 1/32 inches)
Source:	Bo Yu
Preparation:	no
Submerging in LAr or LH2	x
Time in the airlock(hrs)	
Vacuum:	30 min
Purge	24 hr with gas Argon from the bottle
Liquid Test	
Start Time/Date, End Time/Date :	4/19/2018 10:35 am, 4/20/2018 13:50 pm
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	~20 ppb
Temperature:	94 K
Liquid Level	~22 inches
Lifetime:	~3 ms
VaporTest	
Start Time/Date, End Time/Date :	4/23/2018 7:10 am, 4/24/2018 ~12 pm
PrM run # :	
Condenser state:	x
Filter state/settings:	off
H2O reading:	32 ppb
Temperature:	218.8 K
Liquid Level	21.4 inches
Lifetime:	2 ms
Room Temperature Test	
Start Time/Date, End Time/Date :	4/25/2018 11:37:00 AM, 4/26/2018 11:29 am
PrM run # :	x
Condenser state:	on
Filter state/settings:	off
H2O reading:	45-70 ppb
Temperature:	room
Liquid Level	21 inches
Lifetime:	0.9 ms



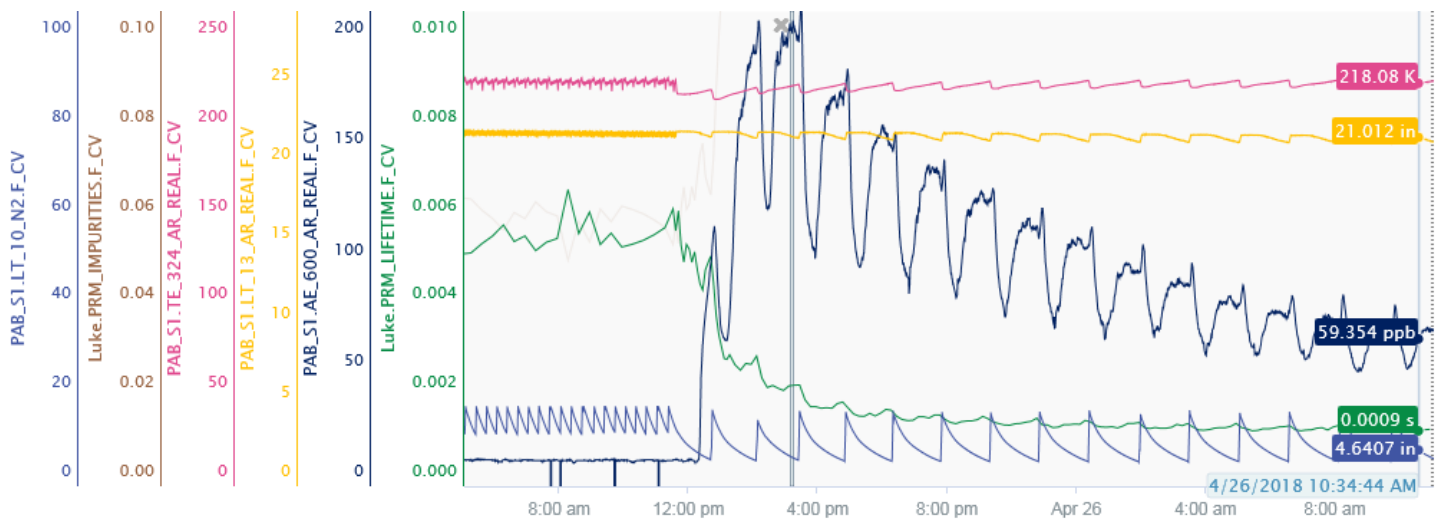
Liquid Test



Vapor Test



Room Temperature Test



Lifetime – green pen

Impurities – brown pen

Liquid level – yellow pen

Water – black pen

Temperature – magenta pen