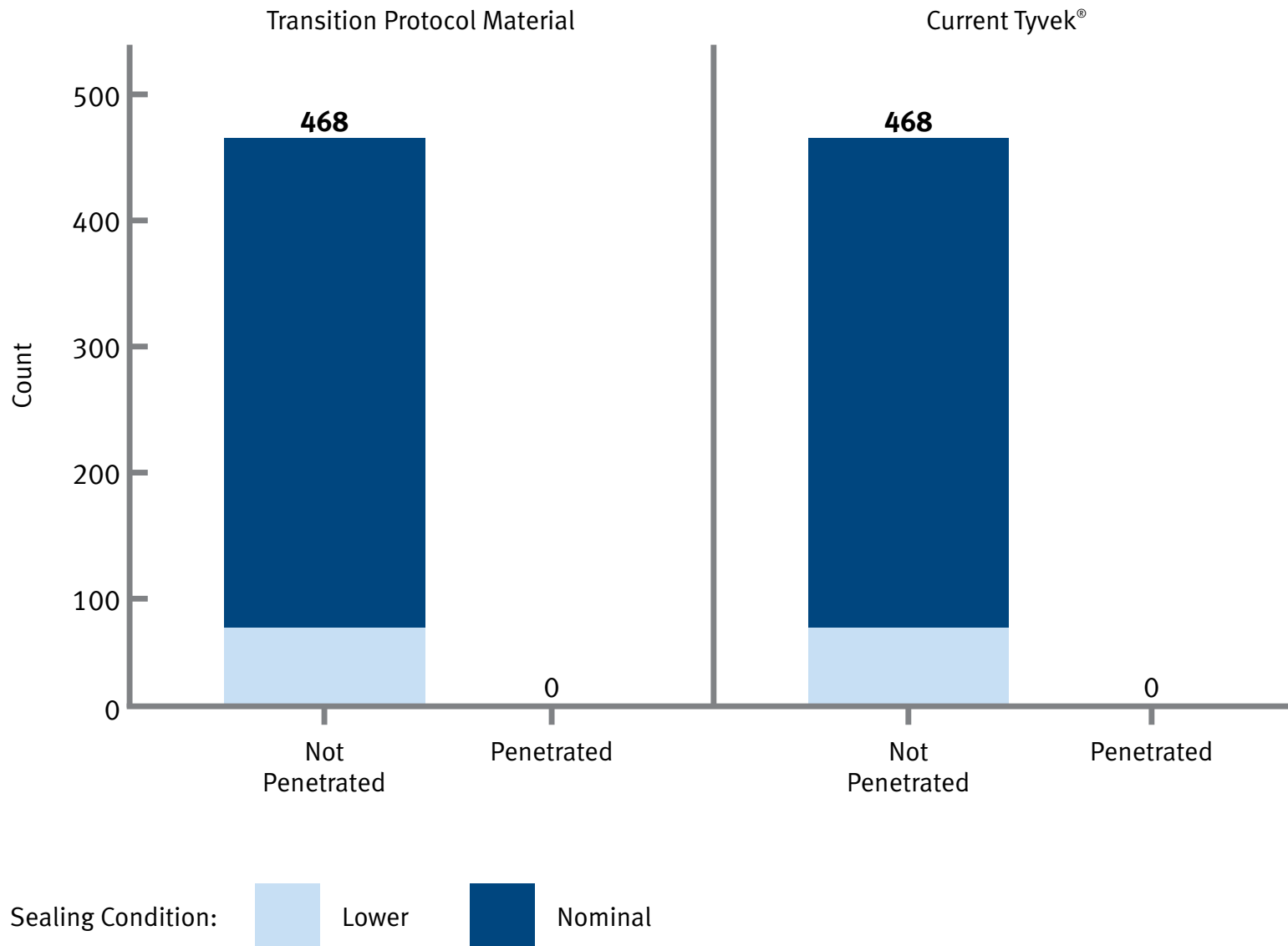
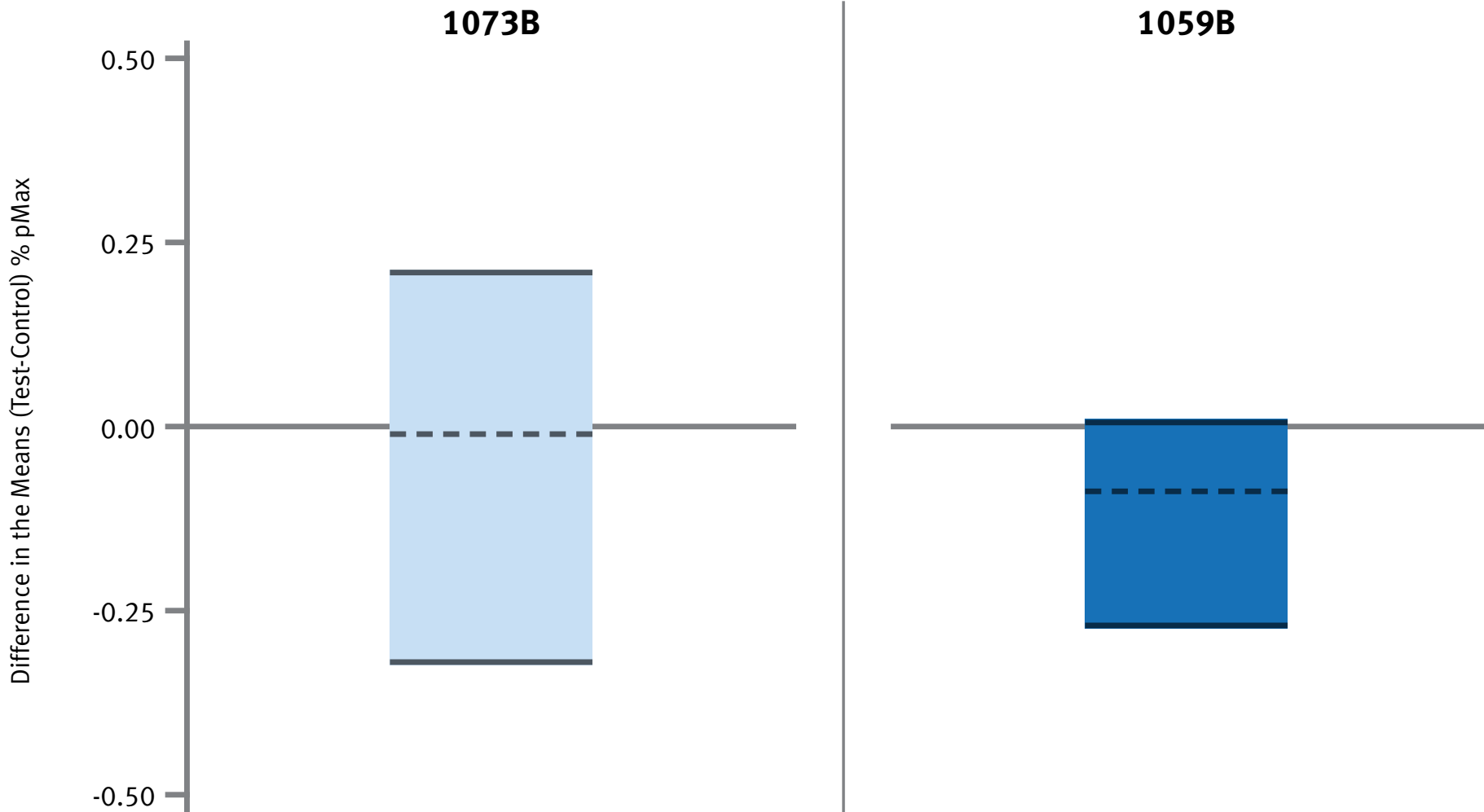


# 1-Year Accelerated Aging Package Integrity Summary for 52 Cells – ASTM F1929



# 1-Year Accelerated Aging Microbial Barrier Summary for 52 Cells – ASTM F2638



Dashed line (– – –)=Mean of the difference in the means  
Test=Transition Protocol Material  
Control=Current Tyvek®

**Transition Protocol material is functionally equivalent to current Tyvek®. Negative numbers indicate test performed better than control, as evidenced by ALL dashed lines (which fall below zero).**

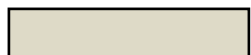
# Industry Summary: MPTP 52 Cell Test Results at 1-year Accelerated Aging, Pass/Fail Summary for Seal Strength – ASTM F88



Tyvek® Style	Coating Type	Sterilization Type	Pouches and Bags		Form-Fill-Seal		Rigid Trays	
			Pass	Fail	Pass	Fail	Pass	Fail
1073B	Coated	EO	6	0	7	0	9	0
		Gamma	3	0	3	0	4	0
		Electron-beam			2	0		
		Steam						
		Dry Heat						
		Low Temp. H <sub>2</sub> O <sub>2</sub>						
		Low Temp. C <sub>2</sub> H <sub>4</sub> O <sub>3</sub>						
	Uncoated	EO	6	0				
		Gamma	3	0				
		Electron-beam	3	0				
Steam								
1059B	Coated	EO			3	0		
		Gamma						
		Electron-beam						
	Uncoated	EO	3	0				



**Awaiting Analysis**

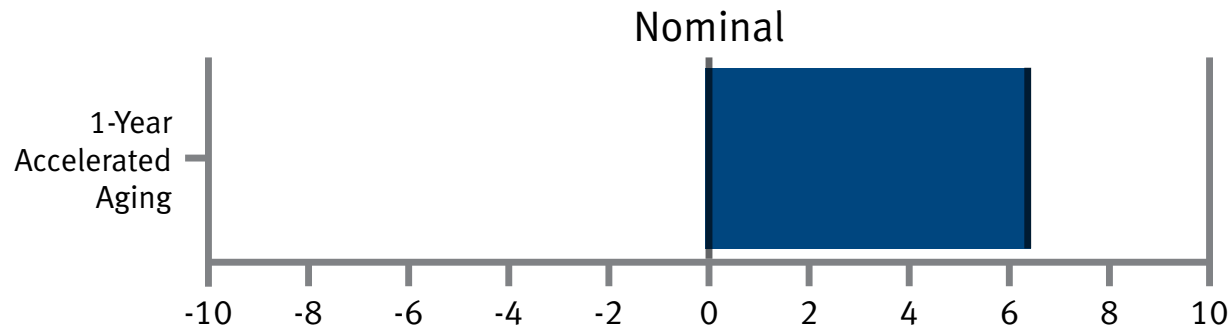
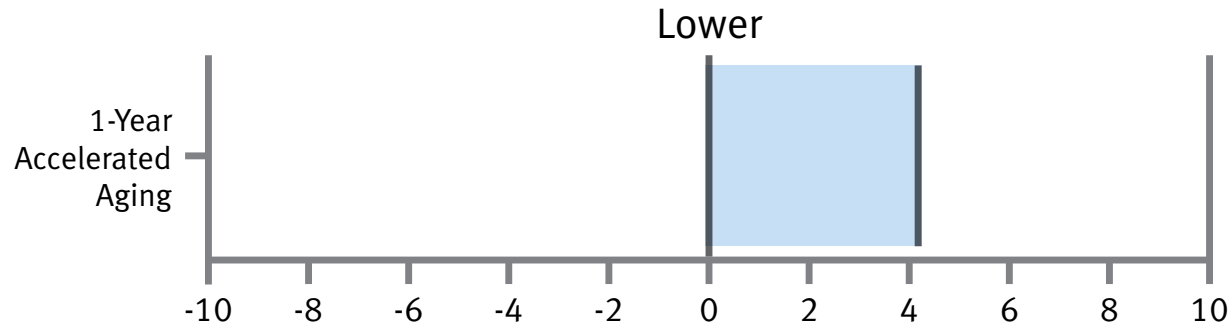


**There are no cells in the MPTP for this category**

# Percent Change in Seal Strength Relative to the Control for Maximum Load at 1-Year Accelerated Aging – ASTM F88



Study Time Point



$$\text{Percent Change} = \frac{\text{Mean (Test-Control)}}{\text{Mean(Control)}} * 100$$

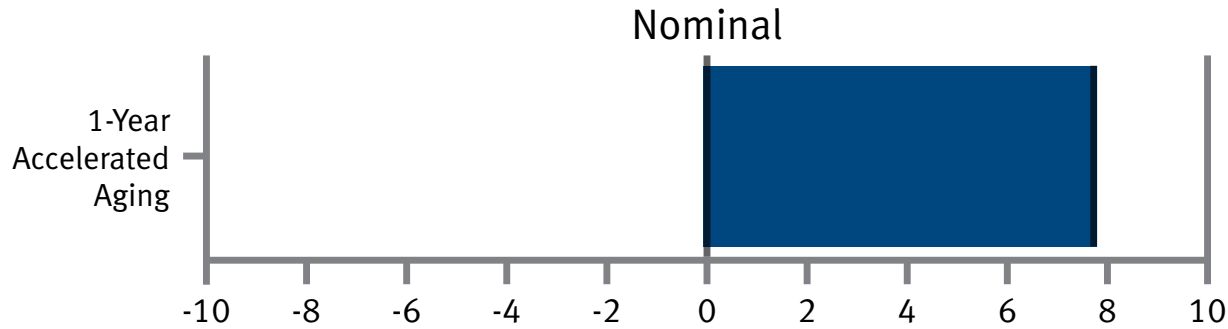
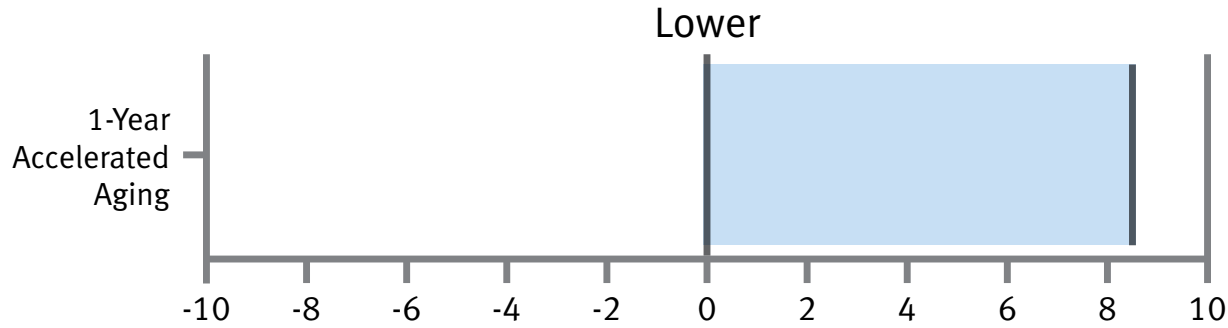
Test=Transition Protocol Material  
Control=Current Tyvek®

As a population, maximum load seal strengths for test are trending ~4-6% higher than control.

# Percent Change in Seal Strength Relative to the Control for Average Load at 1-Year Accelerated Aging – ASTM F88



Study Time Point



$$\text{Percent Change} = \frac{\text{Mean (Test-Control)}}{\text{Mean(Control)}} * 100$$

Test=Transition Protocol Material  
Control=Current Tyvek®

**As a population, average load seal strengths for test are trending ~8% higher than control.**