

**PRODUCT:**

**PF-091-X0-NR-00**

**REV100323NT**

**PRODUCT DESCRIPTION:** Vertically lapped fire-resistant fiber with black high noise reduction coefficient facing.

## FACING

Physical Property	Description - Value		Test Method
Material	100% Polyethylene Terephthalate		
Coating Color	Black		
Thickness	23 mil (0.58 mm)		ASTM D 5729
Basis Weight	0.0244 lb/ft <sup>2</sup> (1.17 N/m <sup>2</sup> )		ASTM D3776
Airflow Resistance	2500 rayls [Pa*s/m]		ASTM C 522
	<b>Machine Direction</b>	<b>Cross Direction</b>	
Breaking Force	53 lb/in (600 N/cm)	42 lb/in (470 N/cm)	ASTM D 5035
Elongation	30%	64%	ASTM D 5035
Roll Width	75 in (190.5 cm)		
Flame Retardance	Pass		ASTM D 5123, FMVSS 302

## FOAM

Physical Property	Description - Value
Material	Proprietary fire-resistant fiber blend
Color	Grey
Areal Weight @ 1 in thick	0.143 lb/ft <sup>2</sup> (22.5 N/m <sup>2</sup> ) +/- 10%
Service Temperature	-40 to 350 °F (-40 to 177 °C)
Flammability	Passes FMVSS 302, UL HBF UL 94 HF-1 Listed
Glow Wire Ignition temp	1292 °F (700 °C)
Glow Wire Flam. Index	1382 °F (750 °C)

## ACOUSTIC DATA

### ABSORPTION COEFFICIENT, NRC and SAA to ISO 354

From PF-091-40-NR-33

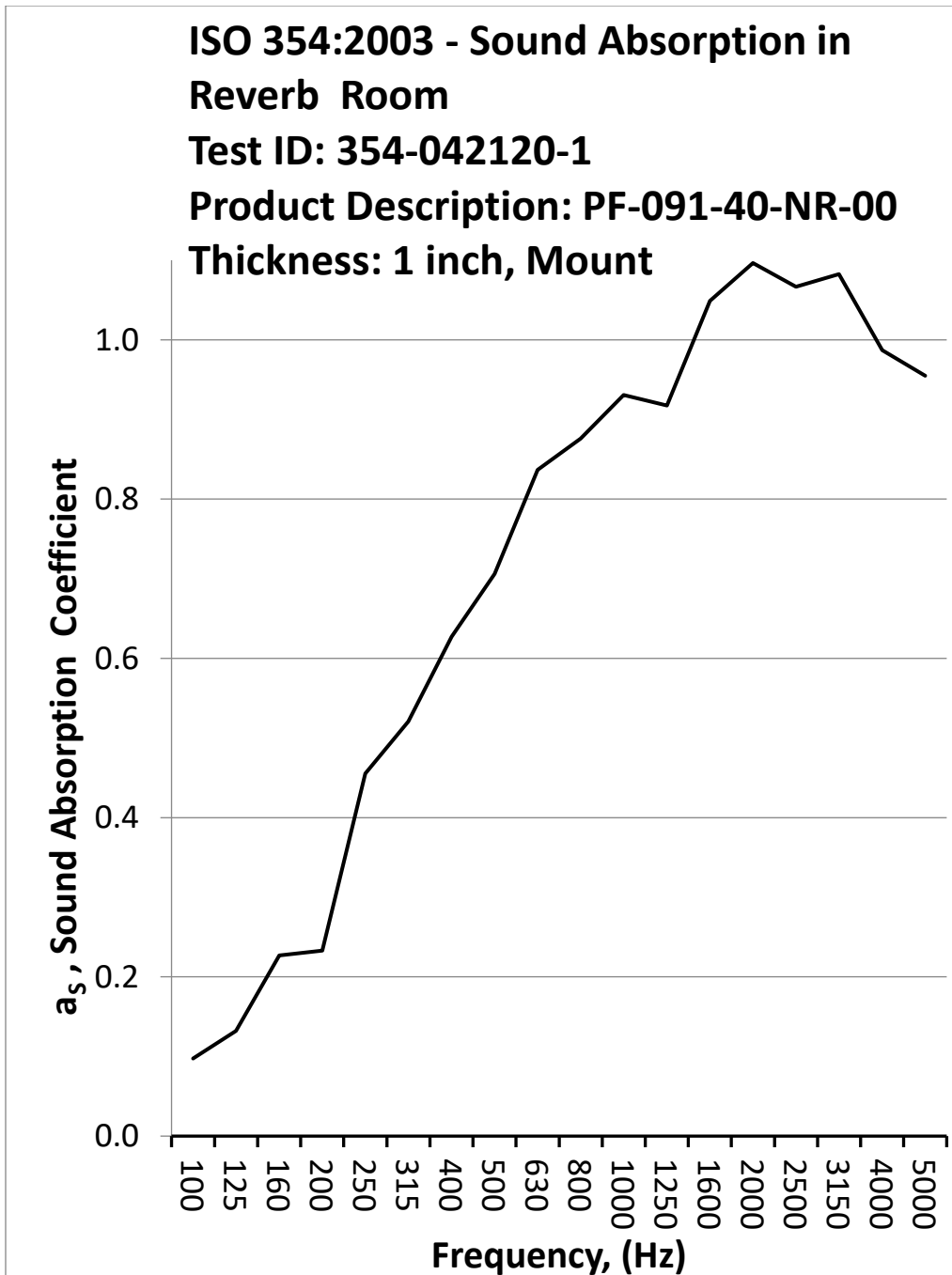
1/3 Octave Band Frequency [Hz]	Absorption Coefficient ( $\alpha_s$ )
100	0.10
125	0.13
160	0.23
200	0.23
250	0.46
315	0.52
400	0.63
500	0.71
630	0.84
800	0.88
1000	0.93
1250	0.92
1600	1.05
2000	1.10
2500	1.07
3150	1.08
4000	0.99
5000	0.96
<b>NRC</b>	<b>0.80</b>
<b>SAA</b>	<b>0.78</b>

**ISO 354:2003 - Sound Absorption in  
Reverb Room**

**Test ID: 354-042120-1**

**Product Description: PF-091-40-NR-00**

**Thickness: 1 inch, Mount**



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