

PRODUCT:

PF-091-X0-FS-00

REV050223NT

PRODUCT DESCRIPTION: Vertically lapped fire-resistant fiber with Fiber Scrim facing.

FACING

Physical Property	Description - Value		Test Method
Material	Proprietary fiber blend		
Color	Charcoal & Black		
Thickness	0.016 in (0.4 mm)		ASTM D 5729
Total Weight	1.7 oz/yd ² (58 g/m ²)		
	Machine Direction	Cross Direction	
Tensile Strength	108 oz/2 in (≥30 N/5 cm)	144 oz/2 in (≥40 N/5 cm)	ASTM D 5035
Elongation	≥15%	≥25%	ASTM D 5035
Chemical Resistance	Resistant to moisture, UV, and gasoline		

FIBER

Physical Property	Description - Value
Material	Proprietary fire-resistant fiber blend
Color	Grey
Areal Weight @ 1 in thick	20.6 oz/yd ² (700 g/m ²) +/- 10%
Service Temperature	-40 °F (-40 °C) – 350 °F (177 °C)
Flammability	Passes MVSS 302, UL HBF. UL 94 HF-1 Listed
Glow Wire Ignition Temp.	1292 °F (700 °C)
Glow Wire Flam. Index	1382 °F (750 °C)

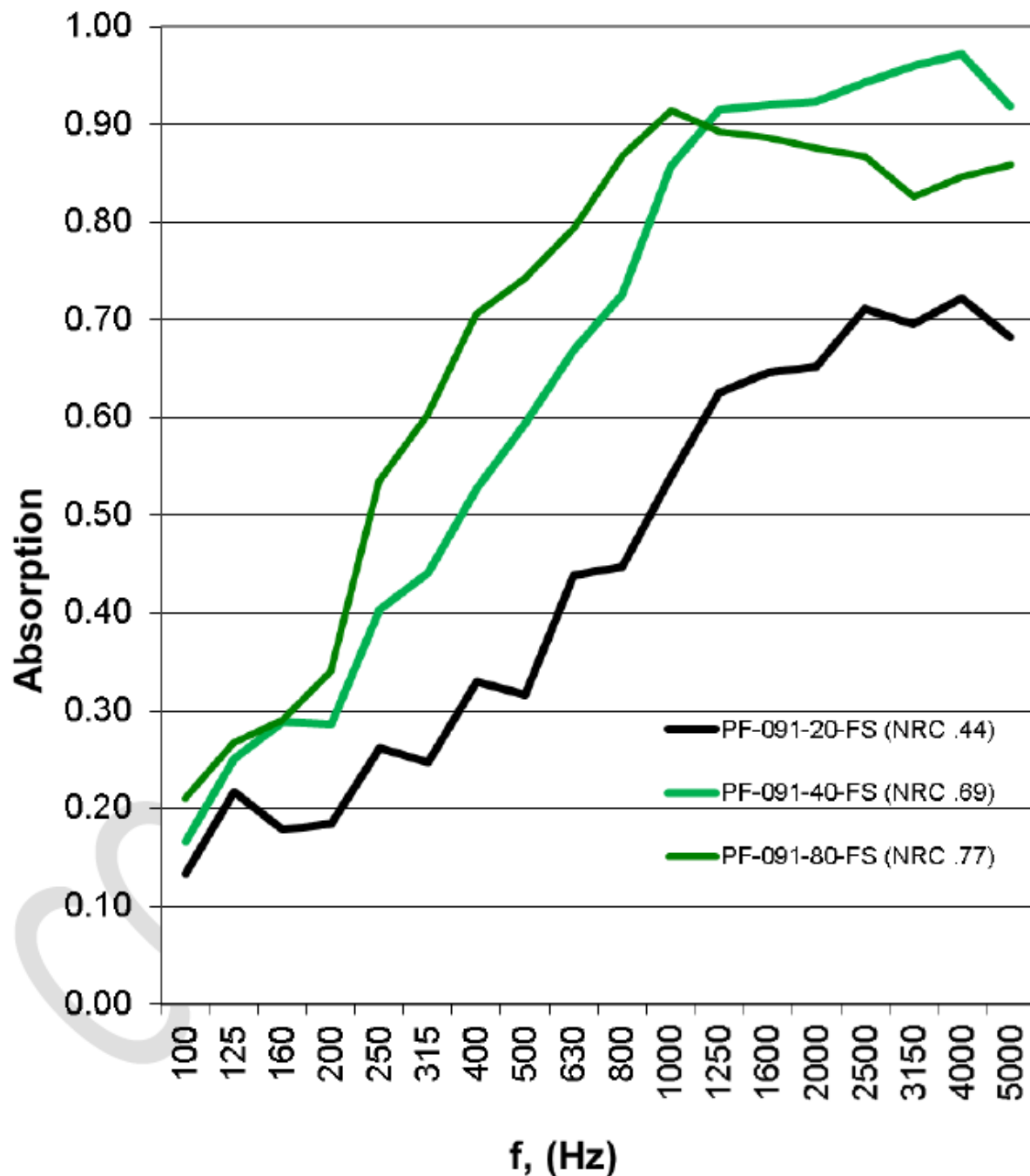
Compliance Features:

- UL 94 HF-1 Listed. File no. E504782

ABSORPTION COEFFICIENT (α_s), NRC, AND SAA TO ISO 354

1/3 Octave Band Frequency [Hz]	0.5" Absorption Coefficient (α _s)	1" Absorption Coefficient (α _s)	2" Absorption Coefficient (α _s)
100	0.13	0.17	0.21
125	0.22	0.25	0.27
160	0.18	0.29	0.29
200	0.18	0.29	0.34
250	0.26	0.40	0.53
315	0.25	0.44	0.60
400	0.33	0.53	0.71
500	0.32	0.59	0.74
630	0.44	0.67	0.79
800	0.45	0.73	0.87
1000	0.54	0.86	0.91
1250	0.63	0.91	0.89
1600	0.65	0.92	0.89
2000	0.65	0.92	0.88
2500	0.71	0.94	0.87
3150	0.70	0.96	0.83
4000	0.72	0.97	0.85
5000	0.68	0.92	0.86
NRC	0.44	0.69	0.77
SAA	0.43	0.68	0.75

ISO 354 PF-091-X0-FS



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