



ACOUSTIC FELTS<sup>(1)</sup> - FECRALY

PRODUCT <sup>(2)</sup> DESIGNATION	NOMINAL <sup>(3)</sup> RAYLS	AVERAGE RANGE		THICKNESS <sup>(4)</sup> (INCHES)	NOMINAL WEIGHT (LB/FT <sup>2</sup> ) <sup>(7)</sup>	MINIMUM UTS (PSI)	MAXIMUM NLF <sup>(5)(7)</sup>
		ALL	POINTS RANGE				
D4-SY/827	35 <sub>8.5</sub>		<u>28-42</u> 20-60	.035	.85	7000	2.0
D4-SY/833	20 <sub>8.5</sub>		<u>16-24</u> 12-34	.032	.72	7000	2.0
D4-SY/834	10 <sub>16.9</sub>		<u>7.5-12.5</u> 5-16	.040	.75	6000	2.1
D4-SY/838	50		<u>40-60</u> 33-80	.030	.85	7000	2.0
D4-SY/841	50		<u>40-60</u> 33-80	.043	1.0	7000	2.0
A20-SY/827B <sup>(6)</sup>	35 <sub>8.5</sub>		<u>28-42</u> 20-60	.035	.45	4000 <sup>(7)</sup>	2.0

(1) Max. Width 40", Max. Length 70". Tolerance...Length/Width -0/+ .25

(2) 4 mil FeCrALY wire; reinforced by 18 Mesh - 9 Mil Wire Screen (FeCrALY), Both Sides (unless otherwise stated).

(3) Rayl Values tested @ flow rate of 20 cm/sec, unless otherwise shown in subscript.

(4) Tolerance is + 0.005 inches, unless otherwise stated. For felt widths > 36 inches, thickness is 0.005 inches greater and tolerance is ± 0.01 inches.

(5) NLF tested @ 150 cm/sec and 20 cm/sec.

(6) A20 FeCrALY fiber; reinforced by 30 mesh - 10 mil Wire Screen (FeCrAl), One Side.

\* (7) Information only (properties not tested)