



ACOUSTIC FELTS⁽¹⁾ - 316L SS FIBER

PRODUCT DESIGNATION	SINTERED FIBER SIZE	REINFORCEMENT ⁽²⁾	NOMINAL ⁽³⁾ RAYLS	AVERAGE RANGE ALL POINTS RANGE	THICKNESS ⁽⁴⁾ (INCHES)	* NOMINAL ⁽⁶⁾ WEIGHT LB/FT ²	* MINIMUM UTS (PSI)	* MAXIMUM ⁽⁵⁾⁽⁶⁾ NLF
D08-S3/1810	8 μ	18 Mesh-9 Mil Wire Screen Both Sides	70	<u>63.0-77.1</u> <u>52.6-87.6</u>	.017	.27	6500 ⁽⁶⁾	1.6 ⁽⁶⁾
D08-S3/1812	8 μ	60 Mesh-7.5 Mil Wire Screen	30	<u>27-33</u> <u>20-40</u>	.018	.3	4000 ⁽⁶⁾	1.4 ⁽⁶⁾
* D12-S3/1813	12 μ	Nominal .016" Perf Plate, 30% Open, .055" Holes on .09" Centers (347 SS)	35	<u>31-39</u> <u>26-44</u>	.017 - .023	.62	20000 ⁽⁶⁾	1.6 ⁽⁶⁾
D08-S3/1814	8 μ	60 Mesh-7.5 Mil Wire Screen	55	<u>50-61</u> <u>40-70</u>	.018	.32	4000 ⁽⁶⁾	1.5
* D12-S3/1817	12 μ	Nominal .016" Perf Plate, 30% Open, .055" Holes on .09" Centers	75 ₁₅₀	<u>68-83</u> <u>56-94</u>	Perf Thick + .006 - 0	.62	20000 ⁽⁶⁾	1.8 ⁽⁶⁾
D12-S3/1820	12 μ	Nominal .02" Perf Plate, 30% Open, .055" Holes on .09" Centers (347 SS)	35	<u>30-40</u> <u>20-50</u>	Perf Thick + .006 - 0	.62	20000 ⁽⁶⁾	1.8 ⁽⁶⁾
D08-S3/1825	8 μ	60 Mesh-7.5 Mil Wire Screen	75 ₁₅₀	<u>68-83</u> <u>56-94</u>	.018	.32	4000 ⁽⁶⁾	1.6 ⁽⁶⁾
D08-S3/10-20	8 μ	18 Mesh-9 Mil Wire Screen Both Sides	10 _{25.4}	<u>7.5-12.5</u> <u>6-14</u>	.020	.21	5600 ⁽⁶⁾	1.6 ⁽⁶⁾
D08-S3/10-30	8 μ	18 Mesh-9 Mil Wire Screen Both Sides	10 _{25.4}	<u>7.5-12.5</u> <u>6-14</u>	.030	.23	5600 ⁽⁶⁾	1.6 ⁽⁶⁾
D08-S3/50-20	8 μ	18 Mesh-9 Mil Wire Screen Both Sides	50 _{25.4}	<u>45-55</u> <u>30-70</u>	.020	.27	5600 ⁽⁶⁾	1.6 ⁽⁶⁾
D08-S3/70-15	8 μ	18 Mesh-9 Mil Wire Screen	70	<u>63-77</u> <u>52-88</u>	.020	.19	3200	1.6
* D08-S3/27-18 ⁽⁷⁾	8 μ	18 Mesh-9 Mil Wire Screen	27	<u>24-30</u> <u>15-45</u>	.018	.15	3200 ⁽⁶⁾	1.5

- (1) Max. Width 40" (for perf., Max. = 36"), Max. Length 70". Tolerance...Length/Width -0/+ .25"
- (2) One side, 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, tolerance is ± 0.01 inches.
- (5) NLF tested @ 200 cm/sec and 20 cm/sec.
- * (6) Information only (properties not tested)
- * (7) Strauss Test required