

F-11 - TECHNICAL DATA SHEET

General Properties			
SAE Equivalent Number		F-11	
Commercial Standard Grade Number		9R2	
Trade Designation		Firm Pad	
Minimum Wool Content		97%	
Nominal Specific Density		0.18	
Standard Thickness Range		3.17 mm - 25.4 mm	1/8" to 1"
Width		183 cm	72"
Colour		Grey	
Thickness and Weight Tolerances Metric System			
Thickness		Weight	
Nominal	Limits	Nominal	Limits
3.2 mm	2.67 - 3.68 mm	0.57 kg/m ²	0.53 - 0.62 kg/m ²
4.8 mm	4.19 - 5.36 mm	0.86 kg/m ²	0.80 - 0.93 kg/m ²
6.4 mm	5.69 - 7.01 mm	1.15 kg/m ²	1.06 - 1.24 kg/m ²
7.9 mm	7.21 - 8.69 mm	1.44 kg/m ²	1.33 - 1.54 kg/m ²
9.5 mm	8.71 - 10.34 mm	1.72 kg/m ²	1.59 - 1.85 kg/m ²
12.7 mm	11.73 - 13.67 mm	2.30 kg/m ²	2.12 - 2.47 kg/m ²
15.9 mm	14.76 - 16.99 mm	2.87 kg/m ²	2.66 - 3.09 kg/m ²
19.1 mm	17.78 - 20.32 mm	3.45 kg/m ²	3.19 - 3.71 kg/m ²
22.2 mm	20.80 - 23.65 mm	4.02 kg/m ²	3.72 - 4.33 kg/m ²
25.4 mm	23.83 - 26.97 mm	4.60 kg/m ²	4.25 - 4.94 kg/m ²
Thickness and Weight Tolerances Imperial System			
Thickness		Weight	
Nominal	Limits	Nominal	Limits
1/8"	0.105 - 0.145"	1.06 lb/yd ²	0.98 - 1.14 lb/yd ²
3/16"	0.165 - 0.211"	1.59 lb/yd ²	1.47 - 1.71 lb/yd ²
1/4"	0.224 - 0.276"	2.12 lb/yd ²	1.96 - 2.28 lb/yd ²
5/16"	0.284 - 0.342"	2.65 lb/yd ²	2.45 - 2.85 lb/yd ²
3/8"	0.343 - 0.407"	3.18 lb/yd ²	2.94 - 3.42 lb/yd ²
1/2"	0.462 - 0.538"	4.24 lb/yd ²	3.92 - 4.56 lb/yd ²
5/8"	0.581 - 0.669"	5.30 lb/yd ²	4.90 - 5.70 lb/yd ²
3/4"	0.700 - 0.800"	6.36 lb/yd ²	5.88 - 6.84 lb/yd ²
7/8"	0.819 - 0.931"	7.42 lb/yd ²	6.86 - 7.98 lb/yd ²
1"	0.938 - 1.062"	8.48 lb/yd ²	7.84 - 9.12 lb/yd ²

** Please Note: this data was obtained by ASTM D-461 test methods, ASTM D-2475 standards, and NTA wool felt specifications. Due to the diversity of felt applications we encourage our customers to make their own tests to determine the suitability of a given felt material or contact us for further questions.*