

F-7 - TECHNICAL DATA SHEET

General Properties			
SAE Equivalent Number		F-7	
Commercial Standard Grade Number		12R3	
Trade Designation		Extra Firm Pad	
Minimum Wool Content		80%	
Nominal Specific Density		0.26	
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	2.82 - 3.53 mm	0.83 kg/m ²	0.79 - 0.87 kg/m ²
4.8 mm	4.37 - 5.18 mm	1.24 kg/m ²	1.18 - 1.31 kg/m ²
6.4 mm	5.89 - 6.81 mm	1.66 kg/m ²	1.57 - 1.75 kg/m ²
7.9 mm	7.44 - 8.46 mm	2.07 kg/m ²	1.96 - 2.18 kg/m ²
9.5 mm	8.97 - 10.08 mm	2.49 kg/m ²	2.36 - 2.62 kg/m ²
12.7 mm	12.04 - 13.36 mm	3.32 kg/m ²	3.14 - 3.49 kg/m ²
15.9 mm	15.11 - 16.64 mm	4.15 kg/m ²	3.93 - 4.36 kg/m ²
19.1 mm	18.19 - 19.91 mm	4.98 kg/m ²	4.72 - 5.24 kg/m ²
22.2 mm	21.26 - 23.19 mm	5.80 kg/m ²	5.50 - 6.11 kg/m ²
25.4 mm	24.33 - 26.47 mm	6.63 kg/m ²	6.29 - 6.98 kg/m ²
Thickness and Weight Tolerances Imperial System			
Thickness		Weight	
Nominal	Limits	Nominal	Limits
1/8"	0.111 - 0.139"	1.53 lb/yd ²	1.45 - 1.61 lb/yd ²
3/16"	0.172 - 0.204"	2.29 lb/yd ²	2.17 - 2.41 lb/yd ²
1/4"	0.232 - 0.268"	3.06 lb/yd ²	2.90 - 3.22 lb/yd ²
5/16"	0.293 - 0.333"	3.82 lb/yd ²	3.62 - 4.02 lb/yd ²
3/8"	0.353 - 0.397"	4.59 lb/yd ²	4.35 - 4.83 lb/yd ²
1/2"	0.474 - 0.526"	6.12 lb/yd ²	5.80 - 6.44 lb/yd ²
5/8"	0.595 - 0.655"	7.65 lb/yd ²	7.25 - 8.05 lb/yd ²
3/4"	0.716 - 0.784"	9.18 lb/yd ²	8.70 - 9.66 lb/yd ²
7/8"	0.837 - 0.913"	10.71 lb/yd ²	10.15 - 11.27 lb/yd ²
1"	0.958 - 1.042"	12.24 lb/yd ²	11.60 - 12.88 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.*