

F-1 - TECHNICAL DATA SHEET

General Properties			
SAE Equivalent Number		F-1	
Commercial Standard Grade Number		16R1	
Trade Designation		Back Check	
Minimum Wool Content		95%	
Nominal Specific Density		0.34	
Standard Thickness Range		3.17 mm - 25.4 mm	1/8" to 1"
Width		152 cm	60"
Colour		White	
Thickness and Weight Tolerances Metric System			
Thickness		Weight	
Nominal	Limits	Nominal	Limits
3.2 mm	2.87 - 3.48 mm	1.08 kg/m ²	0.98 - 1.14 kg/m ²
4.8 mm	4.45 - 5.11 mm	1.63 kg/m ²	1.47 - 1.71 kg/m ²
6.4 mm	5.99 - 6.71 mm	2.17 kg/m ²	1.96 - 2.27 kg/m ²
7.9 mm	7.57 - 8.33 mm	2.71 kg/m ²	2.44 - 2.84 kg/m ²
9.5 mm	9.12 - 9.93 mm	3.25 kg/m ²	2.93 - 3.41 kg/m ²
12.7 mm	12.22 - 13.18 mm	4.34 kg/m ²	3.91 - 4.55 kg/m ²
15.9 mm	15.32 - 16.43 mm	5.42 kg/m ²	4.88 - 5.69 kg/m ²
19.1 mm	18.42 - 19.69 mm	6.50 kg/m ²	5.86 - 6.82 kg/m ²
22.2 mm	21.51 - 22.94 mm	7.59 kg/m ²	6.83 - 7.96 kg/m ²
25.4 mm	24.61 - 26.19 mm	8.67 kg/m ²	7.81 - 9.10 kg/m ²
Thickness and Weight Tolerances Imperial System			
Thickness		Weight	
Nominal	Limits	Nominal	Limits
1/8"	0.113 - 0.137"	2.0 lb/yd ²	1.90 - 2.10 lb/yd ²
3/16"	0.175 - 0.201"	3.0 lb/yd ²	2.85 - 3.15 lb/yd ²
1/4"	0.236 - 0.264"	4.0 lb/yd ²	3.80 - 4.20 lb/yd ²
5/16"	0.298 - 0.328"	5.0 lb/yd ²	4.75 - 5.25 lb/yd ²
3/8"	0.359 - 0.391"	6.0 lb/yd ²	5.70 - 6.30 lb/yd ²
1/2"	0.481 - 0.519"	8.0 lb/yd ²	7.60 - 8.40 lb/yd ²
5/8"	0.603 - 0.647"	10.0 lb/yd ²	9.50 - 10.50 lb/yd ²
3/4"	0.725 - 0.775"	12.0 lb/yd ²	11.40 - 12.60 lb/yd ²
7/8"	0.847 - 0.903"	14.0 lb/yd ²	13.30 - 14.70 lb/yd ²
1"	0.969 - 1.031"	16.0 lb/yd ²	15.20 - 16.80 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.