

Performance Data – Roundit® 2000 NX

Property	Test Method	Value
Filament Diameter		Warp: 1440 dtex Textured Nomex
		Fill .010" PPS monofilament and 1440 dtex Nomex
Degradation Temperature		Nomex 371°C
Melt Temperature	ASTM D-2117	PPS 285°C
Flammability	F.A.R. Part 25 (60 s)	Pass
	F.A.R. Part 25 (12 s)	Pass
Surface Flammability	ASTM E-162	51.3
Smoke Density	AITM 2.0007 (flaming)	D _{max} = 49.3
Smoke Density	AITM 2.0007 (non-flaming)	D _{max} = 7.0
Hard Vacuum	ASTM E-595	
TML		1.714%
CVCM		0.107%
WVR		1.042%
Toxicity	AITM 3.0005	Pass
Fluid Resistance	MIL-DTL-23053E	Tensile Retention
Jet Fuel JP-4 (MIL-T-5624)		100%
Hydraulic Fluid (MIL-H-5606)		100%
Lubricating Oil (MIL-I-7807)		100%
Lubricating Oil (MIL-L-23699)		100%
De-Ice Fluid (MIL-A-8243)		94%
Salt Water, 5% NaCl A-A-694		80%

Product Specifications

Nominal Size (in)	Part Number	Typical Weight (lb/ft)	Feet Per Box*
3/16"	5676000507	0.0087	492 (150 m)
5/16"	5676000807	0.0114	328 (100 m)
1/2"	5676001307	0.0175	164 (50 m)
3/4"	5676001907	0.0235	82 (25 m)
1"	5676002507	0.0295	82 (25 m)

Nominal size is determined by wrapping product around a mandrel of a given size to obtain an overlap of between 45° and 135°.

* Package sizes are subject to change

°C	°F
538	1000
527	980
516	960
504	940
493	920
482	900
471	880
460	860
449	840
438	820
427	800
416	780
404	760
393	740
382	720
371	700
360	680
349	660
338	640
327	620
316	600
304	580
293	560
282	540
271	520
260	500
249	480
238	460
227	440
216	420
204	400
193	380
182	360
171	340
160	320
149	300
138	280
127	260
116	240
104	220
99	210
88	190
77	170
66	150
54	130
43	110
38	100
35	95
30	86
25	77
20	68
15	59
10	50
5	41
0	32
-5	23
-10	14
-15	5
-18	0
-20	-4
-40	-40
-60	-76
-70	-94