Product Highlights

- Rated to 125⁰C

- UL Recognized Component

- Self-wrapping design

- Easy to apply and remove

- Ideal for reworking components without disconnecting them

- Tough fabric texture

Roundit® 2000
Protective Wrap Product

Bentley-Harris® Roundit® products are tough, lightweight oversleeves used to bundle and protect cable assemblies, hoses and wire harnesses from chafing, cutting and abrading. The self-wrapping feature of Roundit products allows for quick and easy application and removal of the product for assembly and maintenance. Also, the product may be applied or removed without disturbing connectors or fittings.

Roundit 2000 is a woven blend of polyester monofilaments and multifilaments. The monofilament/multifilament blend in a flat weave construction gives Roundit 2000 a rugged yet smooth texture and appearance. This product is rated to 125⁰C.

Roundit has many applications in the aeronautical, marine, electronic, furniture accessory and general manufacturing industries.

BentleyHarris®
Protection Products

Performance Data – Roundit® 2000

Property	Test Method	Value
Filament Diameter		Warp 1250 denier polyester multifilament
		Fill .009" polyester monofilament
Melt Temperature	ASTM D-3418	250ºC
Low Temperature Flexibility	MIL-DTL-23053E	-70ºC
Smoke Density	ASTM E-662	
	Specific Optical Density @ 1.5 min.	15
	Specific Optical Density @ 4.0 min.	20
Hard Vacuum	ASTM E-595	
TML		.63%
CVCM		.16%
WVR		.06%
Copper Corrosivity	MIL-I-23053	No Effect
Fluid Resistance	MIL-I-23053	Tensile Retention
Jet Fuel JP-4 (MIL-T-5624)		100%
Hydraulic Fluid (MIL-H-5606)		100%
Lube Oil (MIL-I-7808)		100%
De-Ice Fluid (MIL-A-8243)		100%
Reference Oil #2 (ASTM D-471)		100%
Salt Water (O-S-1926)		100%

ºC	ºF
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

Product Specifications

Nominal Size (in)	Part Number	Typical Weight (lb/ft)	Feet Per Box*
3/16"	5651000503	0.0070	492 (150 m)
5/16"	5651000803	0.0110	328 (100 m)
1/2"	5651001303	0.0130	164 (50 m)
3/4"	5651001903	0.0200	82 (25 m)
1"	5651002503	0.0240	82 (25 m)
1 1/4"	5651003203	0.0297	49 (15 m)
1 1/2"	5651003803	0.0368	49 (15 m)

Nominal size is determined by wrapping product around a mandrel of a given size to obtain an overlap of between 45° and 135°. Roundit 2000 should be tied at intervals if continuous use temperature exceeds 110ºC. * Package sizes are subject to change.

FEDERAL MOGUL

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