

Performance Data - Expando® GD

Property	Test Method	Value
Filament Diameter		.011"
Melt Temperature	ASTM D-3418	240°C
Low Temperature Flexibility	MIL-DTL-23053E	-70°C

Product Specifications

Nominal Size (in)	C8844 Dash Number	Part Number	Spool Length (ft)
1/4	C8844-1	5011000603	1,000
1/2	C8844-2	5011001303	500
5/8	C8844-4	5016001603	500
3/4	C8844-3	5011001903	500
7/8	C8844-5	5016002203	500

Standard color = Black

°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



Systems Protection Group

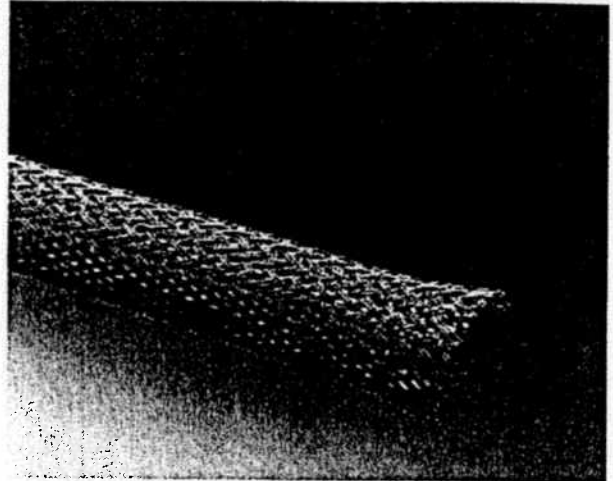
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Product Highlights

- Rated to 150°C
- Low temperature flexibility to -70°C
- Meets VW-1 requirements
- Does not trap heat or humidity
- Rot-free
- Self-fitting over many shapes and sizes



Expando[®] GD

Self-fitting Protective Oversleeve

Bentley-Harris[®] Expando products are tough, lightweight oversleeves used to protect cable assemblies, hoses and wire harnesses from chafing, cutting and abrading. The open-weave construction of Expando products enables each size to expand to fit several application shapes and sizes. This open-weave construction also makes them highly flexible and resistant to trapping water, heat and humidity.

Expando GD is a braided Halar[®] (E-CTFE) fluoropolymer sleeving designed for applications up to 150°C. Inherently flame-retardant, it meets UL 1441 (VW-1) flammability requirements, and will not melt and drip on direct exposure to flame. Expando GD is a special purpose, highly reliable sleeving for military and aerospace oriented applications. It offers good mechanical properties, performs well in both high and low temperature environments, and has outstanding chemical resistance.

*Halar is a registered trademark of Allied Chemical

BentleyHarris[®]
Protection Products