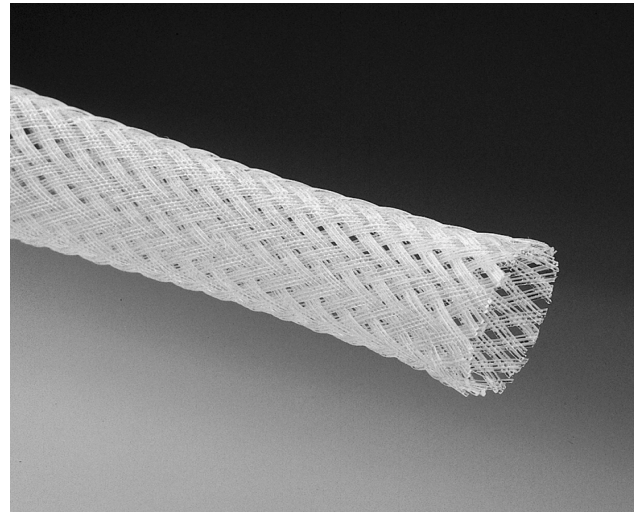


Product Highlights

- Rated to 260°C
- Low temperature flexibility to -70°C
- Does not trap heat or humidity
- Rot-free
- Self-fitting over many shapes and sizes
- Self-extinguishing when used to encase typical non-flammable wires or cables.
- Cost effective



Expando[®] PFA 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 PFA is a braided PFA (PTFE) sleeving designed for applications up to 260°C. Expando PFA has low flammability and resists damage from most chemicals.

Expando PFA protective oversleeve is widely used in the aerospace industry for its high temperature capability and ability to retain flexibility at low temperatures.

BentleyHarris[®]
Protection Products

Performance Data - Expando® PFA

Property	Test Method	Value
Filament Diameter		.016"
Melt Temperature	ASTM D-3418	302°C
Low Temperature Flexibility	MIL-DTL-23053E	-70°C
Smoke Density	ASTM E-1354	No smoke / No ignition
Hard Vacuum	ASTM E-595	
TML		.08%
CVCM		.01%
WVR		.01%
Fluid Resistance	MIL-I-23053	Tensile Retention
Jet Fuel JP-4 (MIL-T-5624)		88%
Hydraulic Fluid (MIL-H-5606)		94%
Lube Oil (MIL-I-7808)		90%
De-Ice Fluid (MIL-A-8243)		84%
Reference Oil #2 (ASTM D-471)		90%
Salt Water (O-S-1926)		96%

Product Specifications

Nominal Size (in)	Maximum Diameter (in)	Part Number	Typical Weight (lb/ft)	Spool Length (ft)
1/8	1/4	5051000301	0.005	2,000
1/4	7/16	5051000601	0.007	1,000
3/8	1/2	5051001001	0.021	500
1/2	3/4	5051001301	0.026	500
3/4	1 1/4	5051001901	0.032	250
1 1/4	1 3/4	5051003201	0.048	250

Standard Color = Natural (milky-white)

°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



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