



#SH740 – PEEK Heat Shrink Tubing 1.4:1

PEEK, a linear, semi-crystalline aromatic polymer, is considered the highest performing thermoplastic material due to its ability to withstand extreme temperatures, high pressure and caustic fluids.

Daburn’s SH740 PEEK heat shrink provides a “shrink to fit” layer of protection for sensitive or critical components. When shrunk onto components, it forms an impenetrable “second skin” that is impervious to contaminants, preserving the integrity and performance of whatever is inside. PEEK’s inherent purity and lubricity make it an excellent choice for applications such as wire coating on medical devices, electronics, wire & cable insulation splice aid, telecom hardware, and oil exploration equipment.

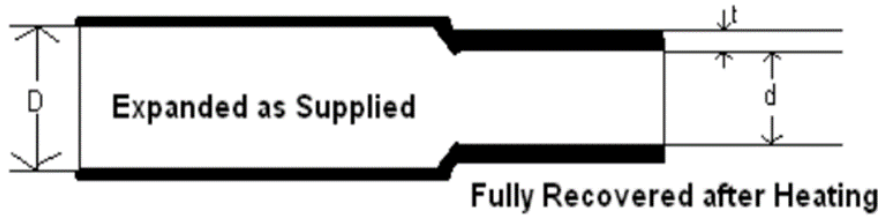
As an alternative to traditional fluoropolymer protective coatings like Teflon® or Kapton® tape, it is ideally suited for challenging environments where abrasion, intense pressure, chemicals, water, or dielectric interference pose a threat to wires and electrical components.

Features:

- Consistent shrink ratios up to 1.4:1
- Continuous service temperature: 500°F (260°C)
- Outstanding abrasion resistance
- Excellent dielectric strength
- Exceptional chemical resistance
- Extends life of the protected item
- Ideal for shrinking on wire or round mandrels
- Adhesion to metals
- RoHS compliant

SH740 PEEK Shrink Tubing Properties			
PROPERTIES	ASTM	UNITS	RESULTS
Tensile Modulus	D638	KSI	1,309
Tensile Stress at Yield	D638	PSI	14,503
Glass Transition Temp	D3418	°F/°C	321/161
Dielectric Strength	D149	V/mil	3,570
Crystallinity	D3814	%	40

This data is based on PEEK heat shrink recovered on a .575” mandrel. Tubing performance and characteristics may change based on tubing size.



Supplied in 4 foot lengths.

Translucent recovery shrink temperature: 572°F (300°C) - 644°F (340°C)
 Opaque recovery shrink temperature: 680°F (360°C) - 725°F (385°C)

Daburn Item Number	Size	Expanded		Recovered		Recovered Wall Thickness					
		Internal Diameter (min.) (D)		Internal Diameter (max.) (d)		Minimum (t)		Nominal (t)		Maximum (t)	
		In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
SH740-17	17	0.038	0.97	0.027	0.69	0.005	0.127	0.007	0.178	0.009	0.229
SH740-16	16	0.045	1.14	0.032	0.81	0.005	0.127	0.007	0.178	0.009	0.229
SH740-15	15	0.055	1.40	0.039	0.99	0.005	0.127	0.007	0.178	0.009	0.229
SH740-14	14	0.085	2.16	0.060	1.52	0.005	0.127	0.007	0.178	0.009	0.229
SH740-13	13	0.092	2.34	0.065	1.65	0.005	0.127	0.007	0.178	0.009	0.229
SH740-12	12	0.101	2.57	0.072	1.83	0.005	0.127	0.007	0.178	0.009	0.229
SH740-11	11	0.112	2.84	0.080	2.03	0.005	0.127	0.007	0.178	0.009	0.229
SH740-10	10	0.125	3.18	0.089	2.26	0.005	0.127	0.007	0.178	0.009	0.229
SH740-9	9	0.137	3.48	0.098	2.49	0.005	0.127	0.007	0.178	0.009	0.229
SH740-8	8	0.160	4.06	0.114	2.90	0.005	0.127	0.007	0.178	0.009	0.229
SH740-7	7	0.174	4.42	0.124	3.15	0.005	0.127	0.007	0.178	0.009	0.229
SH740-6	6	0.200	5.08	0.143	3.63	0.005	0.127	0.007	0.178	0.009	0.229
SH740-5	5	0.221	5.61	0.158	4.01	0.005	0.127	0.007	0.178	0.009	0.229
SH740-4	4	0.252	6.40	0.180	4.57	0.005	0.127	0.007	0.178	0.009	0.229
SH740-3	3	0.277	7.04	0.198	5.03	0.005	0.127	0.007	0.178	0.009	0.229
SH740-2	2	0.316	8.03	0.226	5.74	0.005	0.127	0.007	0.178	0.009	0.229
SH740-1	1	0.349	8.86	0.249	6.32	0.005	0.127	0.007	0.178	0.009	0.229
SH740-0	0	0.392	9.96	0.280	7.11	0.005	0.127	0.007	0.178	0.009	0.229

All sold in 4 foot lengths. Custom sizes and lengths available upon request. Expanded ID range up to 2.0". Recovered wall range of 0.003" to 0.015".

Color: Natural (Tan/Brown) Varying in Translucency, tends to become more opaque when recovered. Call or e-mail for quotes on other colors.