

The HT800 Series silicone foams offer full line UL94 HF1 and V0 rating and meet aerospace and other requirements for flame resistance, flame spread, optical smoke density and toxic gas emissions.

EP2022 is an ultra soft UL 94 rated silicone foam.

Property	Typical Values					Test Method
	EP2022	HT870	HT800	HT820	HT840	
Density (kg/m ³)	175	240	352	384	448	
Width (mm)	to 915					
Colour	Black	Black	Black/ Grey	Grey	Grey	
Structure	Mixed Cell					
Thickness (mm)	3.2- 12.7	1.6- 12.7	0.8- 12.7	0.8- 6.4	1.6- 6.4	
Temperature Range (°C)	-55 to 200					
Compression Force Deflection @ 25% Deflection (kPa)	10	26	67	106	142	ASTM D1056
Compression Set @ 100°C, 22hrs @ 50% Compression (%)	6.9	1.6	2.4	2.6	1.8	ASTM D1056
Water Absorption (%)	1.4	0.5	0.5	0.5	0.5	
Thermal Conductivity (W/m.K)	0.048	0.06	0.076	0.09	0.09	ASTM D518

Meets:

- FAR 25.853 (a)(1)(ii)
- UL94 HF1 & V0
- AMS 3195 (HT800)
- AMS 3196 (HT820)

EP2022-AD can be supplied to ECS 7231.