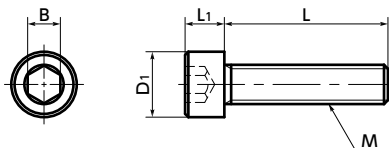




SPE-C Plastic Screw - Socket Head Cap Screws - PEEK

WEB Selection Tool
 WEB CAD Download
 Chemical-proof



● Material/Finish

RoHS Compliant

	SPE-C
Main body	PEEK/Light brown
Heat Resistance Temperature*	180°C

*This is the value for the plastic material. The maximum operating temperature of the product changes with performance conditions such as tightening torque.

⚠ Precautions for Use

Because a cumulative pitch difference is created when PEEK screws are manufactured, use these screws with nuts. If a nut is not used, use a 20 mm or less fit with female thread.

- PEEK is a thermoplastic super - engineering plastic with excellent physical and chemical properties.
- These screws have excellent chemical resistance. They are mostly unaffected by chemicals excluding concentrate sulfuric acid, concentrate nitric acid, and concentrate hydrofluoric acid.
- These screws have excellent heat resistance, water resistance, and high heat resistance strength.
- These screws have excellent abrasion, shock, and fatigue resistance.
- They have high incombustibility that meets V - 0 of UL 94.
- The properties and precautions of plastic screws → P.724

● Application

FPD production equipment, semiconductor devices, printed circuit board etching devices, metallic surface treatment equipment and facilities, chemical plants, transformers, electrical and electronic equipment, hot water pumps, and chemical pumps

Unit : mm

Part Number	M	L								D1	L1	B	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)
SPE-M3-C	M3	6	8	10	12	15	20	25		5.5	3	2.5	430	0.3	0.12 - 0.27
SPE-M4-C	M4	6	8	10	12	15	20	25	30	7	4	3	765	0.64	0.25 - 0.61
SPE-M5-C	M5	6	8	10	12	15	20	25	30	8.5	5	4	1230	1.28	0.37 - 0.93
SPE-M6-C	M6			10	12	15	20	25	30	40	10	6	1670	2.26	0.78 - 1.8
SPE-M8-C	M8					15	20	25	30	40	13	8	3090	5.98	2 - 3.5

*1 Values in chart are for reference only. They are not guaranteed values. The recommendation torque is 50% of the torsional torque.

Part Number	Qty per pack*1
SPE-M3-C	20
SPE-M4-C	20
SPE-M5-C	10
SPE-M6-C	10
SPE-M8-C	5

*1 The minimum order quantity is 1 piece. → P.794

● Related Products

[SPE-N] Plastic Hexagon Nut (PEEK) is available.

→ P.741



● Part number specification

SPE-M5-20-C

Product Code **1** **2** Product Code

Order in number of packs.

The minimum order quantity is 1 piece. → P.794

Individual Sales → P.794	Cleanroom Wash & Packaging → P.792	Screw Length Adjustment → P.796	Vibration Resistant → P.795	Modification process for captive use → P.791
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Please feel free to contact us