

Material/Finish



	SPE-C
Main body	PEEK (Polyether Ether Ketone) (Light Brown)
Heat Resistance Temperature*1	180°C

*1 : 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.xxxx

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 / Chemical pumps

Unit : mm

Part Number	M (Coarse)		L 										D ₁	L ₁	B	Tension*1 Rupture Load (N)	Torsional*1 Torque (N・m)	Mass (g)	
	Nominal of Thread 	Pitch																	
			SPE-M3-C	M3	0.5	6	8	10	12	15	20	25				5.5	3	2.5	430
SPE-M4-C	M4	0.7	6	8	10	12	15	20	25	30				7	4	3	765	0.64	0.25 - 0.61
SPE-M5-C	M5	0.8	6	8	10	12	15	20	25	30				8.5	5	4	1230	1.28	0.37 - 0.93
SPE-M6-C	M6	1			10	12	15	20	25	30	35	40	10	6	5	1670	2.26	0.78 - 1.8	
SPE-M8-C	M8	1.25			10	12	15	20	25	30	35	40	13	8	6	3090	5.98	1.8 - 3.5	
SPE-M10-C	M10	1.5					15	20	25	30	35	40	16	10	8	4900	10.8	3.5 - 5.6	
SPE-M12-C	M12	1.75						20	25	30	35	40	18	12	10	7360	18.6	5.5 - 8.0	

*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
SPE-M10-C	1
SPE-M12-C	1

*1 : Also sold separately from 1 piece up. ➡ P.xxxx

1 Individual Sales ➡ P.xxxx	Cleanroom Wash & Packaging ➡ P.xxxx	Screw Length Adjustment ➡ P.xxxx	Vibration Resistant ➡ P.xxxx	Modification process for captive use ➡ P.xxxx
Available / Add'l charge	Available / Add'l charge	Available / Add'l charge	Not Available	Please feel free to contact us

Related Products

SPE-N Plastic Hexagon Nut (PEEK) is available.
➡ P.xxxx



PEEK hex socket head cap screws **SPE-C(INCH)** are available as inch threads.
➡ P.xxxx



Part number specification

SPE-M5-20-C

Product Code 1 2 Product Code

Order in number of packs.

Also sold separately from 1 piece up. ➡ P.xxxx