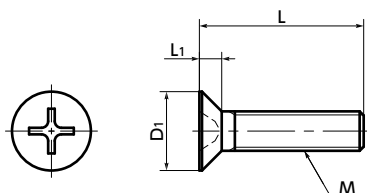




# SPE-F Plastic Screw - Cross Recessed Flat Head Machine Screws - PEEK

Heat-resistance Chemical-proof



## Material/Finish



	SPE-F
Main body	PEEK (Polyether Ether Ketone) (Light Brown)
Heat Resistance Temperature*1	260°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 <span style="color: red;">2</span>										D1	L1	Cross-recessed Socket Number	Tension*1 Rupture Load (N)	Torsional*1 Torque (N·m)	Mass (g)	Qty per pack
	Nominal of Thread <span style="color: red;">1</span>	Pitch	4	5	6	8	10	12	15	16	20	25	30						
<b>SPE-M2-F</b>	M2	0.4	4	5	6	8	10						4	1.2	1	165	0.071	0.02 - 0.039	20
<b>SPE-M2.6-F</b>	M2.6	0.45	4		6	8	10						5.2	1.5	1	291	0.15	0.045 - 0.0716	20
<b>SPE-M3-F</b>	M3	0.5		5	6	8	10	12	15	16	20	25	6	1.75	2	405	0.21	0.057 - 0.22	20
<b>SPE-M4-F</b>	M4	0.7			6	8	10	12	15	16	20	25	8	2.3	2	738	0.47	0.17 - 0.47	20
<b>SPE-M5-F</b>	M5	0.8				8	10	12	15		20	25	10	2.8	2	1234	0.96	0.37 - 0.8	10
<b>SPE-M6-F</b>	M6	1					10	12	15		20	25	12	3.4	3	1749	1.64	0.41 - 1.2	10
<b>SPE-M8-F</b>	M8	1.25						15			20	25	16	4.4	3	3261	3.68	1.3 - 2.4	5

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

• When purchasing less volume than one full bag, a separate handling fee is charged. For details, see the Sold Separately Service.

## Related Products

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

➔ P.xxxx



## Part number specification

**SPE-M5-20-F**

Product Code 1 2 Product Code

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	Not Available