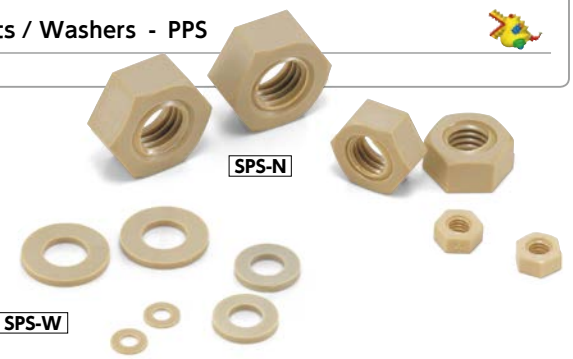
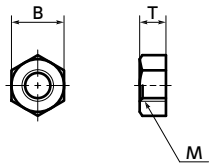
SPS-N/SPS-W Plastic Screw - Hex Nuts / Washers - PPS

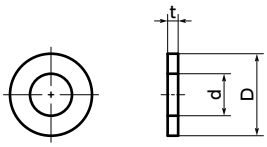
Heat-resistance Chemical-proof



SPS-N



SPS-W



- PPS has excellent heat resistance and chemical resistance and continuous duty temperature of 200℃. Under 200℃, no oils, fats, or organic solvents dissolve PPS.
- It has high strength, high rigidity, and high heat resistance strength.
- It has high incombustibility that meets V-0 of UL 94.
- The properties and precautions of plastic screws ➡ P.xxxx

● Material/Finish

RoHS

	SPS-N / SPS-W
Main body	PPS (Polyphenylene Sulfide) /Bright Light Brown Glass Fiber 40%
Heat Resistance Temperature*1	200℃

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

● 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

SPS-N Hex Nuts

Unit : mm

Part Number 1	M (Coarse)		B	T	Mass (g)	Qty per pack
	Nominal of Thread	Pitch				
SPS-M2-N	M2	0.4	4	1.6	0.026	20
SPS-M2.6-N	M2.6	0.45	5	2	0.05	20
SPS-M3-N	M3	0.5	5.5	2.4	0.07	20
SPS-M4-N	M4	0.7	7	3.2	0.17	20
SPS-M5-N	M5	0.8	8	4	0.25	20
SPS-M6-N	M6	1	10	5	0.52	10
SPS-M8-N	M8	1.25	13	6.5	1.2	10
SPS-M10-N	M10	1.5	17	8	2.4	5
SPS-M12-N	M12	1.75	19	10	3.5	5

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

SPS-W Washers

Unit : mm

Part Number 1	d	D	t	Nominal	Mass (g)	Qty per pack
SPS-3-W	3.2	7	0.5	3	0.025	20
SPS-4-W	4.3	9	0.8	4	0.065	20
SPS-5-W	5.3	10	1	5	0.094	20
SPS-6-W	6.4	12.5	1.6	6	0.24	10
SPS-8-W	8.4	17	1.6	8	0.46	10
SPS-10-W	10.5	21	2	10	0.86	5
SPS-12-W	13	24	2.5	12	1.3	5

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

● Part number specification

SPS-M5-N

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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	Not Available	Not Available	Not Available