



● Application

Electrical and electronic equipment / Insulation and dew condensation prevention for refrigerators and freezers / Aquatic applications / Electrochemical plating / Lightweight applications in automobiles, aircrafts, and spacecrafts

● Material/Finish



| | SPA-P |
|-------------------------------|---|
| Main body | RENY™*1 (50% Glass Fiber Reinforced Polyamide MXD6) (Ivory) |
| Heat Resistance Temperature*2 | 105°C |

*1 : RENY™ is a trademark or registered trademark of Mitsubishi Gas Chemical Company, Inc.

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

- RENY™ is a thermoplastic super-engineering plastic with excellent tensile and flexural strength.
- Screws have excellent fatigue resistance, creep resistance, and thermal insulation.
- While it is nearly as strong as metal, its weight is approximately 1/5 of iron.
- The properties and precautions of plastic screws

Unit : mm

| Part Number | M (Coarse) | | L 2 | | | | | | | | | | | | D1 | L1 | Cross-recessed Socket Number | Tension*1 Rupture Load (N) | Torsional*1 Torque (N・m) | Mass (g) | Qty per pack | |
|-------------|----------------------------------|-------|------------------|---|---|---|---|----|----|----|----|----|----|----|-----|------|------------------------------|-------------------------------|-----------------------------|---------------|--------------|----|
| | Nominal of Thread 1 | Pitch | | | | | | | | | | | | | | | | | | | | |
| SPA-M1.7-P | M1.7 | 0.35 | 4 | | | | | | | | | | | | 2.5 | 0.5 | 0 | 98 | 0.041 | 0.011 | 50 | |
| SPA-M2-P | M2 | 0.4 | 4 | 3 | 5 | 6 | 8 | 10 | 12 | | | | | | 3.5 | 1.3 | 1 | 350 | 0.101 | 0.028 - 0.061 | 50 | |
| SPA-M2.6-P | M2.6 | 0.45 | 4 | | 5 | 6 | 8 | 10 | 12 | | | | | | 4.5 | 1.7 | 1 | 611 | 0.22 | 0.07 - 0.11 | 50 | |
| SPA-M3-P | M3 | 0.5 | 4 | | 5 | 6 | 8 | 10 | 12 | 15 | 20 | 25 | 30 | | 5.5 | 2 | 2 | 853 | 0.36 | 0.093 - 0.35 | 50 | |
| SPA-M4-P | M4 | 0.7 | | | 5 | 6 | 8 | 10 | 12 | 15 | 20 | 25 | 30 | | 7 | 2.6 | 2 | 1499 | 0.85 | 0.2 - 0.68 | 50 | |
| SPA-M5-P | M5 | 0.8 | | | | | 8 | 10 | 12 | 15 | 20 | 25 | 30 | 35 | 9 | 3.3 | 2 | 2407 | 1.65 | 0.47 - 1.3 | 20 | |
| SPA-M6-P | M6 | 1 | | | | | | 10 | 12 | 15 | 20 | 25 | 30 | 35 | 40 | 10.5 | 3.9 | 3 | 3106 | 2.74 | 0.83 - 2.1 | 20 |
| SPA-M8-P | M8 | 1.25 | | | | | | | 12 | 15 | 20 | 25 | 30 | 35 | 14 | 5.2 | 3 | 5335 | 6.22 | 2.3 - 3.8 | 10 | |

*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.

● Part number specification

SPA - M5 - 20 - P

Product Code



Product Code

| | | | | |
|-----------------------------|-------------------------------------|----------------------------------|------------------------------|---|
| 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 |