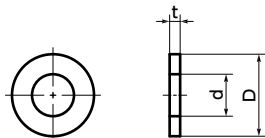




# SPA-W-BK Plastic Washers - RENY

High strength
 Lightweight
 High Specific Strength



## Material/Finish



| SPA-W-BK                      |   |
|-------------------------------|---|
| Main Body                     | RENY™*1 (50% Glass Fiber Reinforced Polyamide MXD6) (Black) |
| 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 resin material. The operating temperature of the product changes with performance conditions such as tightening torque.

## Part Number Specification

### SPA-3-W-BK



- RENY™ washers.
- RENY™ is a thermoplastic engineering plastic with excellent tensile and bending strength.
- It is highly fatigue-resistant and has excellent creep and heat insulation properties.
- While it is nearly as strong as metal, its weight is approximately 1/5 of iron.
- For the properties and precautions for use of plastic screws, see "Properties of Plastic Screws."

## Application

Heat insulation and dew condensation prevention of refrigerating and freezing facilities  
Electrical and electronic equipment / Offshore instruments / Plating facilities

Unit : mm

| Part Number      | d    | D    | t   | Nominal | Mass (g) | Qty per Pack |
|------------------|------|------|-----|---------|----------|--------------|
| SPA-3-W-BK       | 3.2  | 7    | 0.5 | 3       | 0.1      | 50           |
| SPA-3-W-BK(100)  | 3.2  | 7    | 0.5 | 3       | 0.1      | 100          |
| SPA-3-W-BK(1000) | 3.2  | 7    | 0.5 | 3       | 0.1      | 1000         |
| SPA-4-W-BK       | 4.3  | 9    | 0.8 | 4       | 0.13     | 50           |
| SPA-4-W-BK(100)  | 4.3  | 9    | 0.8 | 4       | 0.13     | 100          |
| SPA-4-W-BK(1000) | 4.3  | 9    | 0.8 | 4       | 0.13     | 1000         |
| SPA-5-W-BK       | 5.3  | 10   | 1   | 5       | 0.3      | 50           |
| SPA-5-W-BK(100)  | 5.3  | 10   | 1   | 5       | 0.3      | 100          |
| SPA-5-W-BK(1000) | 5.3  | 10   | 1   | 5       | 0.3      | 1000         |
| SPA-6-W-BK       | 6.4  | 12.5 | 1.6 | 6       | 0.4      | 20           |
| SPA-6-W-BK(100)  | 6.4  | 12.5 | 1.6 | 6       | 0.4      | 100          |
| SPA-6-W-BK(1000) | 6.4  | 12.5 | 1.6 | 6       | 0.4      | 1000         |
| SPA-8-W-BK       | 8.4  | 17   | 1.6 | 8       | 0.6      | 20           |
| SPA-8-W-BK(100)  | 8.4  | 17   | 1.6 | 8       | 0.6      | 100          |
| SPA-8-W-BK(500)  | 8.4  | 17   | 1.6 | 8       | 0.6      | 500          |
| SPA-10-W-BK      | 10.5 | 21   | 2   | 10      | 0.8      | 10           |
| SPA-10-W-BK(100) | 10.5 | 21   | 2   | 10      | 0.8      | 100          |
| SPA-10-W-BK(500) | 10.5 | 21   | 2   | 10      | 0.8      | 500          |
| SPA-12-W-BK      | 13   | 24   | 2.5 | 12      | 1        | 10           |
| SPA-12-W-BK(100) | 13   | 24   | 2.5 | 12      | 1        | 100          |
| SPA-12-W-BK(500) | 13   | 24   | 2.5 | 12      | 1        | 500          |

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

|                          |                            |                         |                     |                                      |
|--------------------------|----------------------------|-------------------------|---------------------|--------------------------------------|
| Individual Sales         | Cleanroom Wash & Packaging | Screw Length Adjustment | Vibration Resistant | Modification process for captive use |
| Available / Add'l charge | Available / Add'l charge   | Not Available           | Not Available       | Not Available                        |