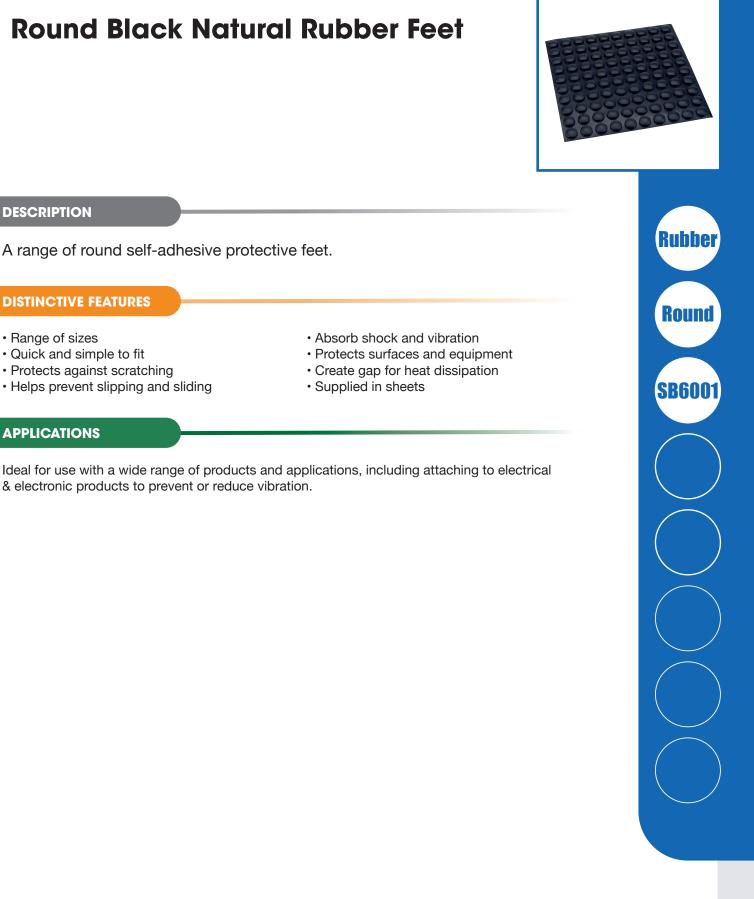
# **R-TECH**





## **GENERAL SPECIFICATION**

| Туре           | Self-adhesive round rubber |  |  |
|----------------|----------------------------|--|--|
| Rohs Complaint | Yes                        |  |  |



#### MATERIALS

| Material      | Natural rubber grade SB6001 |  |  |
|---------------|-----------------------------|--|--|
| Adhesive tape | Double coated non-woven     |  |  |
| Colour        | Black                       |  |  |

### **CERTIFICATION AND STANDARDS**

| ASTN D-2240     | ASTM D412 |
|-----------------|-----------|
| IEC 62321: 2008 |           |



 $\checkmark$ 

### **ENVIRONMENTAL/OPERATING SPECIFICATION**

| SB6001 grade rubber physical properties                                      |             |  |  |  |  |  |
|--|-------------|--|--|--|--|--|
| Properties   | Test method |  |  |  |  |  |
| Test conditions Sheet Cured @ 170°C x 5 minutes                              |             |  |  |  |  |  |
| Hardness (Shore A)   | 65          |  |  |  |  |  |
| Tensile strength (Kg/cm2) ASTM D2240 86                                      |             |  |  |  |  |  |
| Elongation (%) ASTM D412 450   |             |  |  |  |  |  |
| Shelf-life - 12 months when stored in original packaging at room temperature |             |  |  |  |  |  |

Exposure to the Environment. These feet are intended for interior applications where physical properties will remain unchanged. When used externally for extended periods, some discolouration as well as loss of adhesion may occur.

#### **Pressure Sensitive Adhesive Data**

A double coated pressure sensitive adhesive tape. High adhesion acrylic pressure sensitive adhesive is coated on both sides of flexible non-woven film. High adhesion acrylic pressure sensitive adhesive has good bond strength on many types of substrate including low surface energy plastics on which most acrylic adhesive can not adhere well. Initial tack of this adhesive is not so effected by temperature change and good tack even at cold environment. Soft acrylic adhesive can penetrate rough surface and show good bonding. Paper liner is chosen to provide high suitability to converting processes such as die cutting.



| Product Construction   |                         |  |  |  |
|--|-------------------------|--|--|--|
| Acrylic adhesive   |                         |  |  |  |
| Non-woven cellulose  | Tape thickness: 0.15mm  |  |  |  |
| Acrylic adhesive   |                         |  |  |  |
| Release liner, white paper   | Liner thickness: 0.12mm |  |  |  |
| Shelf-life - 12 months when stored in original packaging at room temperature |                         |  |  |  |

| Peel strength (N/cm) |             |                                  |  |  |  |
|----------------------|-------------|----------------------------------|--|--|--|
| Surface material     | Test method | Pressure Sensitive Adhesive Data |  |  |  |
| Stainless steel      | 180 peel    | 5.9                              |  |  |  |
| Stainless steel      | 90 peel     | 4.4                              |  |  |  |
| Aluminium            | 90 peel     | 5                                |  |  |  |
| Acrylic              | 90 peel     | 5.5                              |  |  |  |
| Polyethylene         | 90 peel     | 2.2                              |  |  |  |
| Polypropylene        | 90 peel     | 2.8                              |  |  |  |
| ABS                  | 90 peel     | 6.6                              |  |  |  |
| Polycarbonate        | 90 peel     | 5.1                              |  |  |  |
| Poly Vinyl Chloride  | 90 peel     | 7.8                              |  |  |  |

Backside substrate: 1mil thick polyester film, Sample width: 25mm, Pressure: 2kg rubber roller once for each direction Dwell temp: room temperature (23°C) for 20-40min., Peel speed: 300mm/min

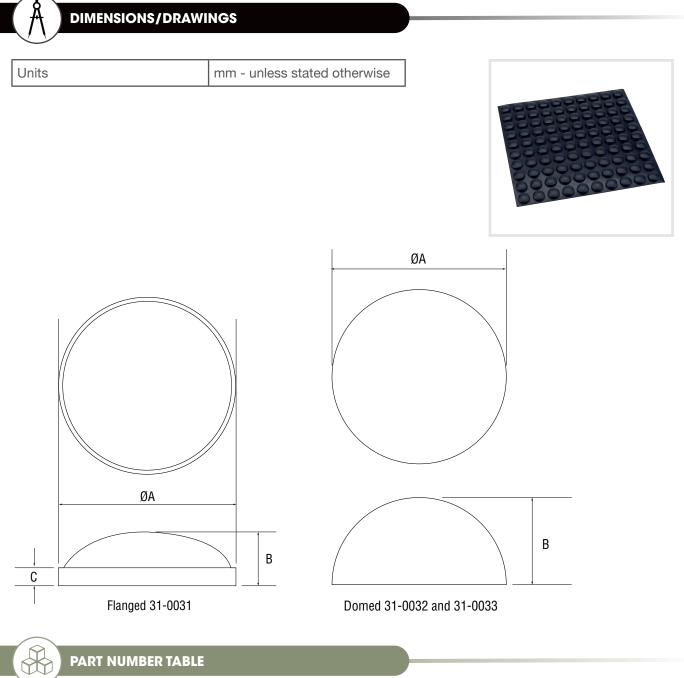
| Dynamic shear strength (N/cm2) |     |    |    |    |     |
|--------------------------------|-----|----|----|----|-----|
| Test temp ©                    | 5   | 23 | 50 | 75 | 100 |
| Value                          | 181 | 92 | 44 | 21 | 11  |

Substrate: SS304BA, Sample size: 25mmX25mm, Pressure: 5kg rubber roller once for each direction Dwell temp: room temperature (23°C) for 24hrs., Peel speed: 300mm/min.

| Holding power (drop time, min)  |    |    |  |  |  |  |  |
|---|----|----|--|--|--|--|--|
| Test temp ©   | 40 | 80 |  |  |  |  |  |
| Value 34 9  |    |    |  |  |  |  |  |
| Substrate: SS304BA, Sample size: 25mmX25mm, Pressure: 5kg rubber roller once for each direction Dwell temp: |    |    |  |  |  |  |  |

room temperature (23°C) for 24hrs., Weight: 2kg

It is important to remember, that as with any self adhesive product, the surface to which they are being applied must be clean, dry and free from dust and dirt. Therefore, to gain maximum adhesion, clean the surface with low strength solvent and allow to dry thoroughly before use.



# PART NUMBER TABLE

| Part Number | ØA   | В   | С       | Sheet Quantity | UNSPSC code | EAN           | Country of origin |
|-------------|------|-----|---------|----------------|-------------|---------------|-------------------|
| 31-0031     | 9.9  | 4.0 | 3.0 100 |                | 30161809    | 5053556003679 | Taiwan            |
| 31-0032     | 11.5 | 5.6 | N/A     | 80             | 30161809    | 5053556003686 | Taiwan            |
| 31-0033     | 6.7  | 4.2 | N/A     | 36             | 30161809    | 5053556003693 | Taiwan            |



Important Notice: This data sheet and its contents (the "Information") belong to Rapid Electronics Limited or are licensed to it. No licence is granted for the use of it other than for information purposes In connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Rapid Electronics Limited assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information or use of it (including liability resulting from negligence or where Rapid Electronics Limited assumes no responsibility for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Rapid Electronics Limited were aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict Rapid Electronics Limited's liability for death or personal injury resulting from its negligence.