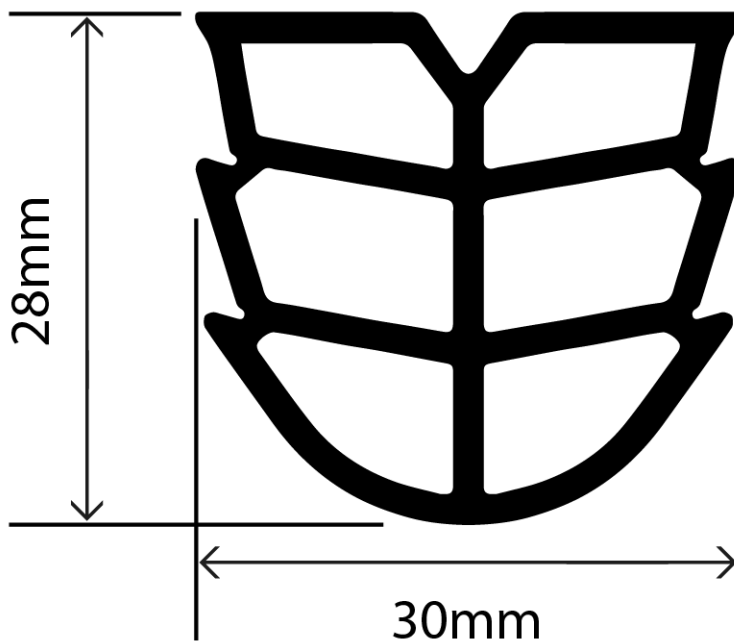


## Expansion Joint Seal Profile 30mm x 28mm

Product Code: RCES2186

Material: TPE



### Measurements:

| Height | Width | To Fit Groove |
|--------|-------|---------------|
| 28mm   | 30mm  | 22mm - 26mm   |

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## Technical Data

RC-TPE503 is a TPV thermoplastic elastomer, that is based on PP-EPDM. It features good mechanical properties as well as good resistance against weathering and UV deterioration. It also provides very good chemical, acid and diluted bases resistance.

RC-TPE503 is also 100% recyclable.

## Material Specification

| Properties                                             | Test Method           | Values                 |
|--------------------------------------------------------|-----------------------|------------------------|
| Polymer                                                | -                     | TPE                    |
| Hardness (Shore A)                                     | ISO 868               | 60° +/- 5°             |
| Density (Specific Gravity)                             | ASTM D792 - ISO 1183  | 0.97 g/cm <sup>3</sup> |
| Tensile Strength                                       | ASTM D412 - ISO 37    | 7.4 MPa                |
| Elongation at Break                                    | ASTM D412 - ISO 37    | 450%                   |
| Remanent Deformation After Compression (70hrs @ 125°C) | ASTM D395 B - ISO 815 | 48%                    |
| Remanent Deformation After Compression (22hrs @ 70°C)  | ASTM D395 B - ISO 815 | 23%                    |
| Operating Temperature Range                            | -                     | -50° C to +90° C       |



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