

Professionally approved products.

Datasheet

Nitrile Rubber O-Rings, Metric



- Nitrile, Metric and Imperial sizes
- 70 shore hardness nitrile rubber
- Continuous operation -40°C to 110°C, short-term to 135°C
- Resistant to mineral hydraulic oils and greases
- 'O' Rings and 'O' ring seals are available in a choice of three materials to suit different applications.
- All 'O' rings are supplied in bags of 50
- The Nitrile 'O' rings are available in both Metric and Imperial sizes
- Imperial sizes are to BS1806, Metric sizes are to BS4518.

| BS Size Reference | Inside Diameter (mm) | Outside Diameter (mm) | Cross Section (mm) | RS Article no. | Inside Diameter (mm) | Cross Section (mm) |
|-------------------|----------------------|-----------------------|--------------------|----------------|----------------------|--------------------|
| 0041-16 | 4.1 | 7.3 | 1.6 | 128805 | +/- 0.15 | +/- 0.08 |
| 0061-16 | 6.1 | 9.3 | 1.6 | 128811 | +/- 0.15 | +/- 0.08 |
| 0081-16 | 8.1 | 11.3 | 1.6 | 128827 | +/- 0.15 | +/- 0.08 |
| 0101-16 | 10.1 | 13.3 | 1.6 | 128833 | +/- 0.20 | +/- 0.08 |
| 0121-16 | 12.1 | 15.3 | 1.6 | 128849 | +/- 0.20 | +/- 0.08 |
| 0141-16 | 14.1 | 17.3 | 1.6 | 128855 | +/- 0.20 | +/- 0.08 |
| 0056-24 | 5.6 | 10.4 | 2.4 | 128861 | +/- 0.15 | +/- 0.08 |
| 0066-24 | 6.6 | 11.4 | 2.4 | 128877 | +/- 0.15 | +/- 0.08 |
| 0076-24 | 7.6 | 12.4 | 2.4 | 128883 | +/- 0.15 | +/- 0.08 |
| 0096-24 | 9.6 | 14.4 | 2.4 | 128899 | +/- 0.15 | +/- 0.08 |
| 0116-24 | 11.6 | 16.4 | 2.4 | 128906 | +/- 0.20 | +/- 0.08 |
| 0146-24 | 14.6 | 19.4 | 2.4 | 128912 | +/- 0.20 | +/- 0.08 |
| 0195-30 | 19.5 | 25.5 | 3 | 128928 | +/- 0.25 | +/- 0.10 |
| 0245-30 | 24.5 | 30.5 | 3 | 128934 | +/- 0.25 | +/- 0.10 |
| 0265-30 | 26.4 | 32.5 | 3 | 128940 | +/- 0.25 | +/- 0.10 |
| 0315-30 | 31.5 | 37.5 | 3 | 128956 | +/- 0.30 | +/- 0.10 |
| 0325-30 | 32.5 | 38.5 | 3 | 128962 | +/- 0.30 | +/- 0.10 |
| 0395-30 | 39.5 | 45.5 | 3 | 128978 | +/- 0.30 | +/- 0.10 |