

BAT RINGS

PORZANA LIMITED

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Porzana Ltd manufactures special lipped bat rings which have been designed to minimise the risk of damage to the bat's wing membrane that is known to occur when standard split bird rings are fitted. The rings are made either of a soft aluminium/magnesium alloy or of the harder and more durable incoloy (a nickel-chromium alloy). The rings are made on hand-presses and care is taken at each manufacturing stage to ensure all sharp edges are removed.

There are 5 sizes of alloy rings made (2.4, 2.9, 4.2, 5.2 and 6.5 mm), and both the 2.4 and 2.9 mm sizes are made in either 4.0 mm or 5.5 mm wide material. The incoloy rings are made in 3 sizes (2.8, 3.5 and 5.2 mm). Although the rings are produced on a round mandrel they become slightly oval shaped when closed, but this shape may vary according to the closing method adopted. The sizes quoted represent the approximate internal width of the oval at its widest part when the gap is closed to 1.0 mm.

PRICES

The table below shows the 2004 prices in £ sterling per 1,000 rings, based on an order quantity of 2,000 per size. Orders of less than 2,000 incur a small order surcharge of £25.00 per size to cover tooling set-up. The minimum order quantity is 500. Postage is charged at cost and VAT is charged at 17.5% on all UK orders and non-VAT registered customers in the EC.

| Approx internal width when gap closed to 1mm | Metal height & gauge | Number only | Number and Address |
|---|-------------------------|-----------------------------|-----------------------|
| Alloy Rings | | <i>Price in £ per 1,000</i> | |
| 2.4 mm (narrow) | 4.0 x 0.38 mm | £180.00 | £210.00 |
| 2.4 mm (wide) | 5.5 x 0.38 mm | £170.00 | £200.00 |
| 2.9 mm (narrow) | 4.0 x 0.38 mm | £170.00 | £200.00 |
| 2.9 mm (wide) | 5.5 x 0.38 mm | £160.00 | £190.00 |
| 4.2 mm | 5.5 x 0.50 mm | £160.00 | £190.00 |
| 5.2 mm | 5.5 x 0.50 mm | £160.00 | £190.00 |
| 6.5 mm | 7.0 x 0.60 mm | £160.00 | £190.00 |
| Incoloy Rings | | | |
| 2.8 mm | 5.5 x 0.35 mm | £170.00 | £200.00 |
| 3.5 mm | 5.5 x 0.35 mm | £170.00 | £200.00 |
| 5.2 mm | 5.5 x 0.35 mm | £170.00 | £200.00 |

ADDRESS AND NUMBERING

Many customers require just a simple number on the rings, whilst others also require an address. The amount of information that can be stamped on a ring is dependent on the size of the ring, and the table below describes the limits. For example a 2.4 mm ring can have a one line address with a maximum of 9 characters plus a 6 digit number. Typically the number will comprise of a one or two character prefix and then the number (eg A00001 or AB0001). It should be emphasised that these are the maximum characters and numbers that can be shown on the ring, and for clarity it is advisable to keep the address and numbering system as simple as possible.

| Approx internal diameter when closed to 1mm gap | Metal height | ---- Address die ---- | | --- Numerator --- | | | Address die prices |
|---|--------------|-----------------------|-------------------|-------------------|----------------|---------------|---------------------------|
| | | Max lines | Max characters | Max height | Number size | Max digits | |
| 2.4 mm | 4.0 & 5.5 mm | 1 | 9 | 1.0 | 1.5 | 6 | £50 + £2.75 per character |
| 2.9 mm to 4.2 mm | 4.0 & 5.5 mm | 1 | 10 | 1.0 | 1.5 | 7 | £50 + £2.75 per character |
| 5.2 mm to 6.5 mm | 5.5 & 7.0 mm | 1 | 13 | 1.3 | 1.6 | 7 | £50 + £2.75 per character |

Where an address is required then a unique address die needs to be made, and this will then be retained at the factory for future orders. If large numbers of rings are to be made and the wording on the address varies by size then it will be necessary to have more than one die made, although for most customers one address die will be suitable to cover all sizes. The manufacture of the address dies has to be subcontracted to a specialist company, each die costing £40.00 plus £2.75 per character engraved.

Please contact Alan Martin (porzana@wetlandtrust.org) for further information or sales enquiries.