



The **Erapol 1K Blocked Series** are a range of single component blocked TDI polyester polyurethanes available in a range of hardnesses. To process, simply:

1. HEAT → 2. POUR → 3. CURE

Product Range

1K20A	1K30A	1K40A	1K50A	1K60A	1K70A	1K80A	1K90A
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Advantages of Erapol 1K Blocked Series over conventional elastomers:

- Easy & Efficient processing
- Stable at room temperature
- Single component
- Economical – Minimal wastage due to no mixing or weighing
- No need to add curative
- Cures with heat
- No dispensing equipment required
- Self Degassing – Air bubbles self release in curing process so there is no need for vacuum degassing

The Erapol 1K Blocked Series is ideally suited for the following applications:

- ANTI VIBRATION MOUNTINGS
- GASKETS
- PRINTING ROLLERS
- ROLLERS
- SEALS

Air entrapment is a common problem when manufacturing rollers. This can be solved by using the **Erapol 1K Blocked Series** as they undergo a low viscosity phase early in the cure cycle. During this stage any air bubbles self release, resulting in bubble free castings.

Processing



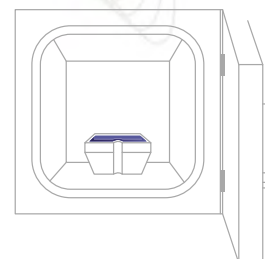
HEAT

Material to 70°C to melt



POUR

Product into pre-heated metal mould



CURE

Product at 130°C for 16 hours

The **Erapol 1K Blocked Series** are low free TDI and do not contain Methylenedianiline (MDA).

For further information please refer to the individual Technical Data Sheet or contact your local **Era Polymers** Representative.

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