



## Technical Information

### Shade availability

Please contact API for specific information on the availability of AZ shades including any minimum order sizes that may apply.

### Operating Temperatures (Die face)

- Platen and clam- shell: 100 – 130°C
- Cylinder: 120 – 150°C

### Resistance Properties

- Excellent resistance to Water (STM06)
- Good resistance to Alcohol (STM07)
- Good resistance to Abrasion (STM05)
- Excellent resistance to Plasticiser migration (STM08), as with all API's foils

Light- fastness –

In order to maintain a consistent brand image and aesthetic appeal it is important that foil used on products and packaging does not significantly fade when subjected to a high degree of daylight. In response to this API has undertaken research into the light-fastness of foils.

If you would like more information on this subject please contact the Market Support Team at API Foils.

As foils are heat-activated, do not store or transport reels at high temperature or humidity.

As with all foils, we would advise that ideal storage conditions should avoid condensation and undue pressure. We would recommend that foil be stored at between 5 to 20°C (and out of direct sunlight) and 30 to 70% relative humidity

### Toxicity

AZ is classed as “non- toxic”, meeting stringent legislation of numerous National and International industry standards, including -

- CONEG
- EN71.3 and EN71.9, 10, 11
- BS5665 Part111 1995
- ASTM F963-96a US CPSC
- RoHS-2002/95/EC
- The European Packaging (Essential Requirements) Regulations 1998SI: 1165, 1998

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