



TECHNICAL DATA SHEET

RS 388-8421 Indicating Silica Gel

These sachets have been developed specifically for the electronics industry and provide both moisture and electrostatic protection.

The silica gel contained in the sachets is a narrow pore desiccant suitable for both dynamic and static drying. It also has the ability to absorb other polar gases i.e. hydrogen fluoride. The gel is an indicating gel, i.e. it changes colour when it has absorbed the maximum moisture. The silica gel conforms to BS2540, German DIN Standard, US military MIL-D-3464E and French AFNOR specifications.

- High absorption capacity
- Easy to regenerate
- Retains characteristics of a dry product even when saturated with water vapour
- Chemically inert and non-toxic
- Long Life

Typical Properties

SiO ₂	99% min
Reactivation Temperature	100-160°C
Absorptive Capacity @ 25°C 50% RH	27% min

At 25°C and 20% RH, the gel can absorb about 12% of its weight in water vapour. At 60% RH this rises to 32%. The silica gel remains free flowing and dry even when the maximum capacity is reached.

At °C and 80% RH, the gel can absorb about 35% of its weight in water vapour in under 8 hour.

Packaging
2g sachets

Order Code
RS 388-8421