

— DESICCANT FOR PACKAGING

SILICA GEL 100 G

Type A silica gel: transparent spheroidal silicon dioxide beads with a large internal surface and a high moisture absorption rate. Protects products and packaging against moisture, mould and corrosion; it is inert, economical and easy to dispose of.

SILICA GEL SACHET · 100 G



ABSORPTION

≥30%

25 °C · 90 % RH

ABSORPTION

≥20%

25 °C · 50 % RH

SILICON DIOXIDE

80%

SiO₂ · CAS 14808-60-7

NET WEIGHT

100g

Per sachet · Type A

COMPOSITION

COMPONENT	FORMULA	CAS NO.	PROPORTION
Silicon dioxide	SiO ₂	14808-60-7	80 %
Water	H ₂ O	7732-18-5	≤ 20 %

TECHNICAL REQUIREMENTS

Moisture (150 °C)	≤ 5.0 %
Absorption at 20 % RH	≥ 8.0 %
Absorption at 50 % RH	≥ 20.0 %
Absorption at 90 % RH	≥ 30 %
pH	4 – 8
Specific resistance	≥ 3000 Ω·cm
Granularity (pass rate)	≥ 90 %
Bulk density	≥ 750 g/L

APPLICATIONS PACKAGING



Pharmaceuticals



Packaged goods



Storage



Boxes and packaging

HOW MANY SACHETS DO YOU NEED?

Work out the sachets per package and their cost in the silica gel calculator.

[Open the calculator →](#)

Absorption capacity measured at 25 ± 2 °C. Keep the sachets in airtight containers until use. Calculate the sachets per package at secalcargo.com/en/calculators. Specifications subject to improvement without notice.