

# SORBEO

## ADSORBENTS

### DESCRIPTION

Sorbeo type adsorbents are highly porous materials suitable for use in many adsorption applications. Adsorbents are available in several pack sizes. For detail specification please refer to technical datasheet of specific adsorbent.



**Molecular sieve 3A** - drying of unsaturated hydrocarbons

Model	Shape	Bulk density	Package	Mass
SORBEO MS3-S	Granule 2,5mm - 5,0mm	0,7 kg/l	5,8 L container	4 kg
SORBEO MS3-M	Granule 2,5mm - 5,0mm	0,7 kg/l	16,6 L container	11,5 kg
SORBEO MS3-L	Granule 2,5mm - 5,0mm	0,7 kg/l	35,4 L container	24 kg
SORBEO MS3-XL	Granule 2,5mm - 5,0mm	0,7 kg/l	216,5 L barrel	150 kg
SORBEO MS3-XXL	Granule 2,5mm - 5,0mm	0,7 kg/l	4 x barrel	600 kg

**Molecular sieve 4A** - drying of compressed air and other gases

Model	Shape	Bulk density	Package	Mass
SORBEO MS4-S	Granule 2,5mm - 5,0mm	0,7 kg/l	5,8 L container	4 kg
SORBEO MS4-M	Granule 2,5mm - 5,0mm	0,7 kg/l	16,6 L container	11,5 kg
SORBEO MS4-L	Granule 2,5mm - 5,0mm	0,7 kg/l	35,4 L container	24 kg
SORBEO MS4-XL	Granule 2,5mm - 5,0mm	0,7 kg/l	220 L barrel	150 kg
SORBEO MS4-XXL	Granule 2,5mm - 5,0mm	0,7 kg/l	Big bag	800 kg

**Molecular sieve 10A** - drying of purification gases and liquids

Model	Shape	Bulk density	Package	Mass
SORBEO MS10-S	Granule 2,5mm - 5,0mm	0,64 kg/l	5,8 L container	3,5 kg
SORBEO MS10-M	Granule 2,5mm - 5,0mm	0,64 kg/l	16,6 L container	10,5 kg
SORBEO MS10-L	Granule 2,5mm - 5,0mm	0,64 kg/l	35,4 L container	22 kg
SORBEO MS10-XL	Granule 2,5mm - 5,0mm	0,64 kg/l	216,5 L barrel	130 kg
SORBEO MS10-XXL	Granule 2,5mm - 5,0mm	0,64 kg/l	4x barrel	520 kg

**Activated Alumina** - drying of compressed air

Model	Shape	Bulk density	Package	Mass
SORBEO AA-S	Granule 2,0mm - 5,0mm	0,77 kg/l	5,8 L container	4 kg
SORBEO AA-M	Granule 2,0mm - 5,0mm	0,77 kg/l	16,6 L container	12 kg
SORBEO AA-L	Granule 2,0mm - 5,0mm	0,77 kg/l	35,4 L container	27 kg
SORBEO AA-XL	Granule 2,0mm - 5,0mm	0,77 kg/l	220 L barrel	170 kg
SORBEO AA-XXL	Granule 2,0mm - 5,0mm	0,77 kg/l	Big bag	907 kg

**Silica Gel SGW** - drying of compressed air; water resistant

Model	Shape	Bulk density	Package	Mass
SORBEO SGW-S	Granule 2,0mm - 5,0mm	0,45 kg/l	5,8 L container	2,5 kg
SORBEO SGW-M	Granule 2,0mm - 5,0mm	0,45 kg/l	16,6 L container	7 kg
SORBEO SGW-L	Granule 2,0mm - 5,0mm	0,45 kg/l	35,4 L container	15 kg
SORBEO SGW-XL	Granule 2,0mm - 5,0mm	0,45 kg/l	220 L barrel	100 kg
SORBEO SGW-XXL	Granule 2,0mm - 5,0mm	0,45 kg/l	4x barrel	400 kg

**Silica Gel SGR** - drying of compressed air

Model	Shape	Bulk density	Package	Mass
SORBEO SGR-S	Granule 2,0mm - 5,0mm	0,7 kg/l	5,8 L container	4 kg
SORBEO SGR-M	Granule 2,0mm - 5,0mm	0,7 kg/l	16,6 L container	11,5 kg
SORBEO SGR-L	Granule 2,0mm - 5,0mm	0,7 kg/l	35,4 L container	24 kg
SORBEO SGR-XL	Granule 2,0mm - 5,0mm	0,7 kg/l	220 L barrel	150 kg
SORBEO SGR-XXL	Granule 2,0mm - 5,0mm	0,7 kg/l	Big bag	500 kg

**Activated Carbon** - removal of oil vapours, smells, odours from compressed air

Model	Shape	Bulk density	Package	Mass
SORBEO AC-S	Pellet 3 mm	0,5 kg/l	5,8 L container	2,5 kg
SORBEO AC-M	Pellet 3 mm	0,5 kg/l	16,6 L container	8 kg
SORBEO AC-L	Pellet 3 mm	0,5 kg/l	35,4 L container	17 kg
SORBEO AC-XL	Pellet 3 mm	0,5 kg/l	220 L barrel	110 kg

**Catalyst** - catalytic oxidation of CO to CO<sub>2</sub>

Model	Shape	Bulk density	Package	Mass
SORBEO HC-S	Granule 3 mm	0,9 kg/l	5,8 L container	5 kg
SORBEO HC-M	Granule 3 mm	0,9 kg/l	16,6 L container	14 kg
SORBEO HC-L	Granule 3 mm	0,9 kg/l	35,4 L container	31 kg
SORBEO HC-XL	Granule 3 mm	0,9 kg/l	220 L barrel	198 kg