

The 3A Siliporite® Molecular Sieve beads are synthetic zeolite of the type 3A crystalline structure, in sodium form. having an effective pore opening of 3 Angstrom and produced as an off-white bead.

The 3A/13X Siliporite® Molecular Sieve beads are synthetic zeolite of the type X and A crystalline structure, in sodium potassium form.

Basic Use

The 3A molecular sieves are used to remove water and prevent condensation within insulating glass units with metal spacers. They are excellent for use in dual seal units. Not recommended for use in single seal units made with sealants containing solvents, but excellent for all other single seal units manufactured with solvent-free sealants.

The 3A/13X molecular sieve bead blend provides both removal of water and solvent residues after sealing glass units with solvent based sealants.

Packaging

Molecular sieves are supplied in a polyurethane liner enclosed in a re-sealable box or drum.

- Drum: 286 pound (130 Kg)
- Box: 55 pond (25 Kg)

Sizes

3A Bead Products

- 1.6 mm (10 x 14 beads)
- 1.0 mm (16 x 20 beads)
- 0.7 mm (20 x 40 beads)

3A/13X Bead Products

- 1.6 mm (10 x 14 beads)
- 0.7 mm (20 x 40 beads)

Storage Conditions

Store in original container. Expose to air only during application (container should not be opened more than 2 hours). Keep product indoors at room temperature.

Shelf Life

Two years in unopened containers at storage conditions below 77° F (25° C).

Performance	
Moisture Capacity at 50% RH (% Weight)	
3A Bead	19-21
3A/13X Bead	20-21
Particle Size	
3A Bead	1.6 mm; 1.0 mm; 0.7 mm
3A/13X Bead	1.6 mm; 0.7 mm
Loss Ignition (% weight, 2 hrs. at 950° C) max	
3A Bead	1.5
3A/13X Bead	2.5
*Minimum Temperature Rise, °C	
3A Bead	29° (52.2° F)
3A/13X Bead	29° (52.2° F)
*Test must be performed with an Atofina/Ceca test kit available through Quanex Customer Service.	

Technical Services

Your Quanex Building Products Representative, in conjunction with your Quanex Building Products Technical Service Group, can provide in-plant training and assistance with special applications.

Availability/Cost

Availability and cost can be obtained from your local Quanex Representative or by calling our Customer Service Center. For more information call Truseal, a Quanex Building Products company: in the U.S. 888-910-5280; in Canada 888-794-4453.

Environmental Conditions

Non-hazardous under normal use for handling and waste disposal.

Health & Safety

For all Quanex products, and for other product used in conjunction with Quanex products, users must follow individual product labels and Material Safety Data Sheets for warnings and precautions prior to opening containers and during use and storage.

Warranty

See Truseal warranty certificate.

Key Features Summary

- High quality, so very low dew point is achieved
- Negligible nitrogen adsorption resulting in the reduction of the deflection of the phenomena
- Compatible with manufacturing gas filled insulating glass units
- Consistent bead sizes
- Low dust

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Quanex warm-edge IG spacer systems are used by our customers to assemble ENERGY STAR® qualified windows and doors.



ISO 9001:2008,
Certificate Registration 10001512 QM08