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DESICCANT

PART#	DESCRIPTION
MSA4A-030	4A 4X8 MESH
404527	4A 8X12 MESH
414421	13X 4X8 MESH
410283	13X 8X12 MESH



INSTRUCTIONS DESICCANT REPLACEMENT

MSDS FOR DESICCANT



Molecular Sieves are porous crystalline aluminosilicates, a synthetic desiccant that has a very strong affinity for moisture molecules. As part of the manufacturing process, the pore size on the molecular sieve particles can be controlled. The most commonly used pore size is (4A) angstroms although (3A) (5A) (10A) and (13X) are available. This feature allows the selection of a molecular sieve product which can absorb water, yet exclude most other molecules, such as volatile organics, which might be present in the package.

For example, Type (4A) molecular sieve has a slightly higher moisture capacity, than (3A) but absorbs molecules larger than (3A). Type (13X) molecular sieve has a different crystal structure from the types (3A) and (4A) and has a pore opening of about 10 angstroms. This allows for the adsorption of a wider range of organic molecules as well as moisture.