



SP-DRI Desiccant Media

SP-DRI media is generally smooth spheres formed of activated alumina. This product features high crush strength and low dust content. Activated alumina balls are highly capable of adsorbing moisture and water vapors. SP-DRI is a perfect desiccant for a variety of applications where high moisture adsorption is required and is extremely effective for drying gases and compressed air.



SP-DRI pellets will not shrink, swell or soften when they adsorb water. They work efficiently in preserving the products from damaging effects of humidity. They have the ability to adsorb certain contaminants as well, such as hydrogen sulfide, sulfur dioxide, and hydrogen fluoride. Activated alumina may be regenerated to its original adsorption efficiency by heating to a temperature between 350-600°F (177-316°C).

FEATURES & BENEFITS

- Uniform Sizing for consistent pressure drop
- Low dust discharge
- High Adsorption Capacity
- Low Abrasion
- High Crush Strength
- Will not decompose in presence of water
- Able to remove acids and hydrocarbons
- Thermally regenerative

PHYSICAL PROPERTIES

SP-DRI media shall have the following physical properties:

Apparent density:	0.72 g/cc (45 lbs/ft ³)
LOI (wt%):	5%
Abrasion Loss (wt%):	0.3%
Surface Area:	350 m ² /g
Total Pore Volume:	0.5 cc/g
Nominal diameter:	1/8", 3/16", or 1/4"
Shape:	Sphere

INSTALLATION GUIDELINES

Installers shall use dust masks, safety goggles, and rubber gloves.

PACKAGING OPTIONS

SP-DRI chemical media is available in:

25-lb pail (3.5 gallon)	#876-M102-XXX
50-lb bag	#856-M102-XXX
350-lb drum (55 gallon)	#866-M102-XXX
2000-lb super sacks	#816-M102-XXX

SIZE OPTIONS

1/8 inch (3.2 mm)	(use -018 for-XXX)
3/16 inch (4.7 mm)	(use -316 for-XXX)
1/4 inch (6.4 mm)	(use -014 for-XXX)

DISPOSAL GUIDELINES

Spent SP-DRI media should be disposed of according to local, state, and federal guidelines.

