



# LD 45 – Gas Drying Tablets

## Technical Data

### PRODUCT DETAILS

Purity	> 98%
Appearance	White Tablet
Diameter	1 “
Height	0.50” – 0.75 “
Solubility in Water	Complete

### DESCRIPTION

**LD 45** is a salt type desiccant tablet used to control gas line freezing and meet gas pipeline specifications (requirements by most pipeline companies). Common desiccant tablets typically do not take enough water (moisture) out of the gas to meet increasingly stringent specifications on gas pipelines. Water vapor is a common impurity found in natural gas responsible for causing operational problems such as gas line freezing, hydrate formation in meters/valves, and corrosion due to wet conditions. **LD 45** is three times more effective than common desiccants and effectively lowers relative humidity levels to meet gas pipeline specifications. Consult your OTSO representative for additional information.

### APPLICATION

**LD 45** can be used by itself or in combination with other grades of desiccants offered by OTSO such as **CD 50**. In this application the natural gas flows through the **CD 50**, removing the majority of the moisture present, prior to moving through the **LD 45** to further reduce dew point. This two stage/step arrangement is ideal and most cost effective due as the **LD 45** lasts longer. Consult your OTSO representative for additional information regarding your application.

### BENEFITS

**LD 45** gas drying tablet has many benefits over competitive pellets and briquettes such as:

- Harder and denser tablets the resist caking, channeling, blooming, and dusting.
- Made with over 10 tons of compression.
- Higher purity means greater activity, longer life, and lower dew points.
- Convenient and easy to packaging (bag and resealable pails).
- Tablets virtually eliminate broken, shattered, and dusted products.

### SAFETY, STORAGE AND HANDLING

Product is safe when used according to directions. This product is a stable material and may be stored for an extended period of time under low humidity conditions (< 20%RH). Store in a dry place such that packaging does not get wet. Do not take internally. Keep away from eyes. Normal precautions in handling organic chemicals should be observed. Wear appropriate PPE and practice good chemical hygiene.

**For additional information consult OTSO.**



# CD 50 – Gas Drying Tablets

## Technical Data

### **PRODUCT DETAILS**

Purity	> 90%
Appearance	White Tablet
Diameter	1 “
Height	0.50” – 0.75 “
Solubility in Water	Complete

### **DESCRIPTION**

**CD 50** is a salt type desiccant tablet used to control gas line freezing and meet gas pipeline specifications (requirements by most pipeline companies). Water vapor is a common impurity found in natural gas responsible for causing operational problems such as gas line freezing, hydrate formation in meters/valves, and corrosion due to wet conditions. **CD 50** is an excellent choice in beginning to gain control of operational and sales challenges attributed to water vapor in gas. Consult your OTSO representative for additional information.

### **APPLICATION**

**CD 50** can be used by itself or in combination with other grades of desiccants offered by OTSO such as **LD 45**. In this application the natural gas flows through the **CD 50**, removing the majority of the moisture present, prior to moving through the **LD 45** to further reduce dew point. This two stage/step arrangement is ideal and most cost effective due as the more expensive grade desiccant (**LD 45**) last longer. Consult your OTSO representative for additional information regarding your application.

### **BENEFITS**

**CD 50** gas drying tablet has many benefits over competitive pellets and briquettes such as:

- Harder and denser tablets that resist caking, channeling, blooming, and dusting.
- Made with over 10 tons of compression.
- Higher purity means greater activity, longer life, and lower dew points.
- Convenient and easy to packaging (bag and resealable pails).
- Tablets virtually eliminate broken, shattered, and dusted products.

### **SAFETY, STORAGE AND HANDLING**

Product is safe when used according to directions. This product is a stable material and may be stored for an extended period of time under low humidity conditions (< 20%RH). Store in a dry place such that packaging does not get wet. Do not take internally. Keep away from eyes. Normal precautions in handling organic chemicals should be observed. Wear appropriate PPE and practice good chemical hygiene. **For additional information consult OTSO.**



# DESICCANT DRYING TABLET

## XENTRITE

Natural Gas drying at low pressures and low flow rates can be very difficult. Most conventional salt-type desiccants are not able to adequately dry gas under low pressures (<75 psi) or when stringent pipeline specifications (<7 lbs./mmscf) must be met.

**Xentrite** was developed to meet dew points where other desiccants and glycols cannot.

**Xentrite** can be used by itself or in combination with other desiccants such as **CD 50** and **LD 45**. In these applications, the gas flows through the **CD 50** or **LD 45** first removing most of the moisture and then through the **Xentrite** to further reduce the dew point.

### Specifications

- 7 LB/MMCF Attainable @ 50 PSI & 60°F
- 20 LB/MMCF Attainable @ 25 PSI & 80°F ~~XXX~~

### Advantages

- Low Flow Rate Drying
- Low Pressure Drying
- Convenient Packaging
- Small Footprint



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