

Date: \_\_\_\_\_ Meyer Job Number: \_\_\_\_\_  
Customer: \_\_\_\_\_  
Location: \_\_\_\_\_  
Contact: \_\_\_\_\_ 2<sup>nd</sup> contact: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
e-Mail: \_\_\_\_\_ Meyer Salesman: \_\_\_\_\_

### **Plant / Conveying System Location:**

-Altitude (ft): \_\_\_\_\_ -Max. Ambient Outside Temp: \_\_\_\_\_ °F  
-Material Source: \_\_\_\_\_  
-Surge Hopper?: Yes  No  Size: (suggest min. 200 cu ft) \_\_\_\_\_  
-Material Destination: \_\_\_\_\_  
-Physical Location: Inside  Outside  Under-Silo/Bldg  Rail/Truck Dump   
-Available Power: (std - 3Ø/60Hz/230-460v) or Other \_\_\_\_\_  
-Other Location Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### **Conveyed Material Data:** *More than One? – submit additional sheet(s)*

-Material Description /Type /Class: \_\_\_\_\_  
-Chemical Name: \_\_\_\_\_  
-Bulk Density: \_\_\_\_\_#/cu. ft. Aerated  De-aerated  Compacted   
-Flowability: \_\_\_\_\_  
-Particle Size: \_\_\_\_\_ -Particle Shape: \_\_\_\_\_  
-Moisture Content: \_\_\_\_\_  
-Material Temperature: \_\_\_\_\_ ° F - continuous/peak, etc.? \_\_\_\_\_  
-Other Material Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### **Conveying System Design Parameters:**

-Desired Conveying Capacity: \_\_\_\_\_ TPH; \_\_\_\_\_  
-Pump Runs - batches, continuous (24/7) ? \_\_\_\_\_  
-Air Supply Line – Size: (ID)": \_\_\_\_\_"; Tube  Pipe  Other \_\_\_\_\_  
If Pipe: pipe/tube adaptor  or tube/pipe adaptor   
-Conveying Line - Size: (ID)": \_\_\_\_\_"; Tube  Pipe  Other \_\_\_\_\_  
If Pipe: pipe/tube adaptor  or tube/pipe adaptor   
-Distance - Horizontal: \_\_\_\_\_ feet; Vertical: \_\_\_\_\_ feet; Total: \_\_\_\_\_ feet  
-Distance to first elbow: (min. 15 ft.) < 12 feet , 12 – 20 feet , > 20 feet   
First elbow 90°? Yes  No  Other than 90° \_\_\_\_\_  
-Minimum Distance between any two elbows: (10 -15 feet) or? \_\_\_\_\_  
-Total Number of Elbows: (90°) \_\_\_\_\_ Other angles: (?-45°) \_\_\_\_\_

### **Air requirements - (suggested):**

# Wm. W. Meyer & Sons, Inc.

## Screw Pump Material Data Sheet

296-C-001

- Conveying Air - at blower discharge - \_\_\_\_\_ ACFM @ \_\_\_\_\_ psig
- Blower Model: \_\_\_\_\_ - Motor HP: \_\_\_\_\_
- Max. Blower Output - for line blowout: \_\_\_\_\_ (min. 12 PSI output?): \_\_\_\_\_

**Other Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*\*\*\* Include a current drawing of the installation or make a sketch on back of this sheet \*\*\**

CMDS Information Supplied by: \_\_\_\_\_ (Signature)

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_ Title: \_\_\_\_\_