

Material specification for Vacuum Conveying Trials and for the preparation of quotations

Please fill in and send per Fax to (+49) 2921 63839

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1. Customer information

Contact person: _____
 Company: _____
 Department: _____ Tel.: _____
 Address: _____ Fax: _____
 Country/post code/place: _____ eMail: _____

2. Conveying task

Conveying height (↑): _____ m Overall conveying distance (↑→): _____ m No. of pipe-bends: ____ x ____ °
 Desired transporting capacity: _____ kg/h
 Design of product charging location: _____
 (e.g. suction from hoppers, casks, sacks, silos, Big-Bags, plant equipment (dryers, mixers etc.), emptying of sheet metal)
 Design of product discharging location: _____
 (e.g. loading of stirring vessels, mixers, filling machines, screening machines, tablet presses, weighing vessels, collecting containers etc.)
IMPORTANT: Please give more precise statements about pressures, temperatures, ascending steams, solvents etc. if necessary.
 Will the unit be used in EX-area? NO YES: Suction place zone ____, installation place zone ____, charging into zone ____
 Is the material ignitable/explosive? NO YES Minimum ignition energy (MIE) of the products _____ mJ

3. Material definition of the product to be conveyed

Trade name: _____ Chemical designation: _____ Manufacturer: _____
 Particle size (please state in µm or mm) from _____ up to _____
 Bulk density: _____ kg/dm³ Density (basic material): _____ kg/dm³
 Max. humidity content: _____ %
 Particle description: _____ Particle geometry: _____
 Flowing characteristics (estimation) : easy flowing sticky bridging
 Is the material hygroscopic (does it absorb humidity)? NO YES
 Is the material scouring/wearing? NO YES
 Is the material sensitive to mechanical loads? NO YES

4. Material requirements of the Conveying System

Which of these materials are NOT allowed to be used for product contacting parts of the Conveying System?
 Stainless steel 1.4301/AISI 304 Stainl.steel 1.4435 / AISI 316 L Stainl.st.1.4571/AISI 316Ti
 Aluminium nickel-plated brass HDPE (PE-HD)
 Nitrile / NBR Silicone PUR (Polyurethane)
 Others: _____
 Which materials are NOT allowed to be used outside the product contacting area?: _____
 Do you have special wishes which materials should be used for the product contacting area of the Conveyor?
 Separator container: _____ Gaskets: _____ Others: _____
 Are any special certificates necessary for the product contacting parts? NO YES: _____
 Operative area of the unit (eventually tendency): Chemical Pharma Food Others: _____

5. Information with regard to health risks, industrial safety and environmental protection

Is the material poisonous/toxic? NO YES
 Does skin contact have to be avoided? NO YES
 Does the material cause allergic reactions? NO YES
 Is the material harmful/ecologically harmful? NO YES
 Is the material corrosive/caustic? NO YES
 Is the material inflammable? NO YES
 Is the material explosive? NO YES
 Is the mat. hazardous for water? NO YES

NOTE: If you send sample material for testing, we need to get it packed in a reusable packaging and together with a safety data sheet. All samples, containers etc. will be sent back to the sender after the trials. The freight charges will be billed to the customer.

 Date, SIGNATURE

Please enclose safety data sheet if applicable