



COMPARISON CHART OF CONVEYOR vs. MATERIALS

Suitability of Powder materials vs. Conveyors

Product & Process Variables	Flexible Screw Conveyor	Dilute Phase Conveying System		Tubular Chain Drag Conveyor
		Pressure	Vacuum	
Powder Material Characteristics				
Ultra Fine Particles	●			
Fragile or Friable	●			●
Moist & Caking	●			●
High Fat or Oil content	●			
Blended Materials	●			●
Heat Sensitive	●		●	
High Temperature	●	●		
Contamination Sensitive	●	●	●	●
Hazardous	●		●	●
Material Source & Destination				
Multiple Inlet of Powder Materials		●	●	●
Multiple Material Destinations	●	●	●	●
Convey directly from Bags or Barrels			●	
Process Equipment Source or Destination	●	●	●	●
Very High temperature Destination		●		
Conveying Parameters				
Lower Material Volumes	●	●	●	●
High Material Volumes		●	●	●