



A valmont COMPANY

Belt Specification Questionnaire

To assist us in providing you with an accurate and timely quotation for your application, please complete the following questionnaire.

1. Smallest product to be conveyed: _____ Acceptable aperture: _____
2. Distance centre to centre of drive and tail pulleys or sprockets: _____ ft _____
3. Present belt type _____ Width _____ Specification (if wire) _____
4. Loading and distribution: lbs/sq ft Uniform _____ Hand positioned _____ Chute or other _____
 Irregular _____ Dumped _____ Distance of drop _____
5. Physical Characteristics Solid _____ Semi-solid _____ Plastic _____
 Dry _____ Wet _____ Cold _____ °C Hot _____ °C
6. Speed of belt in mtrs per minute _____ Constant Speed _____ Reversible _____
7. Is conveyor Horizontal? _____ Angle _____
8. Will flights or cleat be required? Height _____ Length _____ Solid _____ Open _____
9. Type of support: Load Side: Table Skids Rollers Self-Supporting
 (please circle) Return Side: Table Skids Rollers Self-Supporting
10. Which type of support will interfere least with processing? _____
11. Roller Spacing: What is the smallest diameter, over which the belt travels? _____
12. Maximum allowable sprocket or pulley diameter: Head _____ Tail _____
13. Will belt be guided? _____ How? _____
14. Are retaining edges required to keep product on belt? _____ Height? _____
15. Will belt return be supported? _____ Will belt make a reverse bend? _____ Radius _____
16. Type of take up: Manual _____ Automatic _____
17. Drive location and type: Head _____ Friction _____ Steel _____ Press Roll _____ Chain _____ Snubbed? _____
 Tail _____ Rubber lagged _____
18. Maximum belt clearance: Between Faces _____ Above Floor _____
19. Presence of Acids, Chemicals, Solutions etc. _____
20. From your experience, what metal is most resistant to your conditions? _____
21. The following is a brief description of the process for which the belt is being designed:

Please also forward proposed layout, printout or sketch.

Company: _____
 Address: _____
 Contact: _____
 Phone: _____

High Temperature Applications

To assist us in providing you with an accurate and timely quotation for your application, please complete the following questionnaire.

1. Product to be conveyed: _____ Weight per piece: _____ (kg)
2. Dimensions of Part - Minimum: _____ x _____ x _____ (mm) **OR**
 _____ Diameter x _____ Height (mm)
3. Process: _____
 (What is happening to product?)
4. Is product placed **DIRECTLY** on belt, or loaded on to **TRAYS** and then onto the belt? (please circle).
5. If using trays, please list, Weight of loaded tray: _____ kgs
 Dimensions of tray: _____ x _____ (mm)
6. Type of support: Load Side: Table Skids Rollers Self-Supporting
 (please circle) Return Side: Table Skids Rollers Self-Supporting
7. Speed of belt in mtrs per minute _____ Constant Speed _____ Reversible _____
8. Maximum Temp for process: _____ °C
9. Location of Drive Roll: Load/Charge end _____ Unload/Discharge End: _____
10. Diameter of end rolls: Drive Roll _____ mm Tail roll _____ mm
11. Zone Lengths & Temperatures

Load Zone	_____ mtrs	Temp	_____ °C
Pre-Heat Zone	_____ mtrs	Temp	_____ °C
High Heat Zone	_____ mtrs	Temp	_____ °C
Cooling Zone	_____ mtrs	Temp	_____ °C
12. Atmosphere: _____
13. Dew Point: _____ °C
14. Specification of Belt now in use: _____
 (if known) If not, please indicate mesh dimension on drawings.
15. Belt Length: _____ mtrs
16. Belt Width: _____ mm
17. Belt Material: _____

Please also forward proposed layout, printout or sketch.

Company: _____
 Address: _____
 Contact: _____
 Phone: _____