

PYRATHANE®

BELT APPLICATION INFORMATION

When we are asked to develop a belt for a new application, we feel that the process of designing a belt properly is facilitated by having pertinent information available when that development begins. To assist you in gathering this information and us in receiving the proper data, we offer this questionnaire.

Please return this completed questionnaire and we will respond promptly.

Please check or complete all that apply

Application:

- Power transmission
 Conveying or transport
 Sealing Other _____

Drive arrangement:

- Straight $O = O$ 90° Twist $O > =$
 180° Twist $O \times O$
180° Twist is not recommended, but may work in special cases
 More than two pulleys
If so please provide XY coordinates if available

Power transmission:

If multiple belts can be used to transmit torque, indicate pulley width available _____

Conveying or transporting:

If multiple belts between common shafts indicate how many belts on one set of shafts _____

Dimensions: please indicate Inches mm

Pulley center distance _____

*The pulley diameters below are measured at the

- Inside surface of the belt
 Center of the belt
 Outside surface of belt

Drive Pulley Diameter _____

2nd Pulley Diameter _____

3rd Pulley Diameter _____

Round belt pulley configurations:

- "U" Bottom groove "V" Bottom groove
If "V" Width across top of groove _____
Inclusive angle of "V" in degrees _____°
Depth of groove _____

Flat belt pulley configurations: *Crown recommended*

Width of pulley surface _____
If flanged (*not recommended*) do you want the belt surface to extend above the pulley Yes No
If yes ... how much _____

Drive details:

Drive Pulley RPM _____

Torque to be transmitted _____

or Horsepower required _____

or Watts required _____

Operating conditions:

F° C°

Average operating temps. _____

High operating temp. _____

Low operating temp. _____

Expected high humidity _____%

Will belt will be exposed to Ultraviolet light

Sharp objects Abrasives or

Chemicals please list chemicals expected to be present

If Samples are desired ... quantity needed _____

..... RFQ

Would you like a price quotation for this belt

Yes No

If you would like pricing for another belt please provide size (indicate inches or mm) and durometer

Round belt Cross sectional dimension _____ or

Flat belt Thickness _____ and Width _____

Length _____ or I.D. _____

Durometer (hardness) of Urethane _____

Name _____

Title _____

Company _____

Street _____

City _____ State _____

Zip _____

Phone _____ - _____ - _____ Fax _____ - _____ - _____

e-mail _____

Quality products

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