



Tharo Systems, Inc.

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PRINTER/APPLICATOR SURVEY

Date _____

Customer _____

Reseller _____

Address _____

Salesman _____

Phone # () _____

Contact _____

Fax # () _____

Title _____

Application Type: Top _____ Side _____ Bottom _____ Front/Back _____ Wrap _____

Other (Describe) _____

1.0 LABELING REQUIREMENTS:

Number of Different Sizes/Shapes of Products to be Labeled:

Product Sizes

| Sizes: | Height | Width | Length | Weight |
|--------|--------|-------|--------|--------|
| A | _____ | _____ | _____ | _____ |
| B | _____ | _____ | _____ | _____ |
| C | _____ | _____ | _____ | _____ |
| D | _____ | _____ | _____ | _____ |
| E | _____ | _____ | _____ | _____ |

Show label(s) location on product with actual label, mock-up or sketch. (Section 7.0).

Provide samples of products as they will be presented to the labeler if there is anything unique.

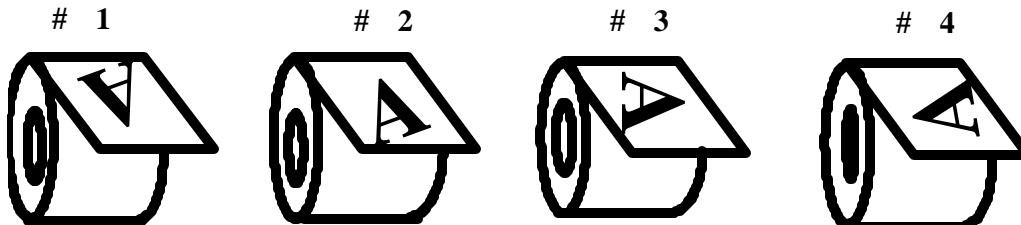
Number and description of products to be labeled: _____

Flat Curved Tapered Recessed Concave Convex

Other _____

2.0 LABEL:

| | | | | | |
|------------------------------------------|-------|-------|-------|-------|-------|
| Dimensions: | A | B | C | D | E |
| Length (feed direction) | _____ | _____ | _____ | _____ | _____ |
| Width (across web) | _____ | _____ | _____ | _____ | _____ |
| Gap Between Labels | _____ | _____ | _____ | _____ | _____ |
| Liner Width | _____ | _____ | _____ | _____ | _____ |
| Copy Position (for pre-printed stock) | _____ | _____ | _____ | _____ | _____ |



Substrate description:

Material type _____

Adhesive Perm Removable Tamperproof Patterned

Other: _____

The label liner must be non-perforated.

3.0 APPLICATION REQUIREMENTS:

Application Rate:

Minimum Products/Minute _____ Maximum Products/Minute _____

Position Tolerance: Top to Bottom + 1/32" _____ + 1/16" _____ + 1/8" _____

Side to Side + 1/32" _____ + 1/16" _____ + 1/8" _____

Other: _____

Usage: _____ hrs/day _____ days/week

Product spacing: Random Butted Regulated and distance between products: _____

Briefly describe process before labeling: _____

How will product be handled to correctly present it to the applicator? _____

What will trigger the applicator? Product Sensor PLC Manual Switch

Briefly describe process after labeling: _____

Imprinting:

Thermal Transfer Direct Thermal

Other _____

Size of Imprint Area _____ (indicate on label sample)

Resolution of printer required _____

Are there rotated bar codes? Yes No If Yes, what X-dimension? _____

Is each label unique or is this a batch operation? _____

4.0 CONVEYOR DATA: (Product Labeled on Customer's Conveyor)

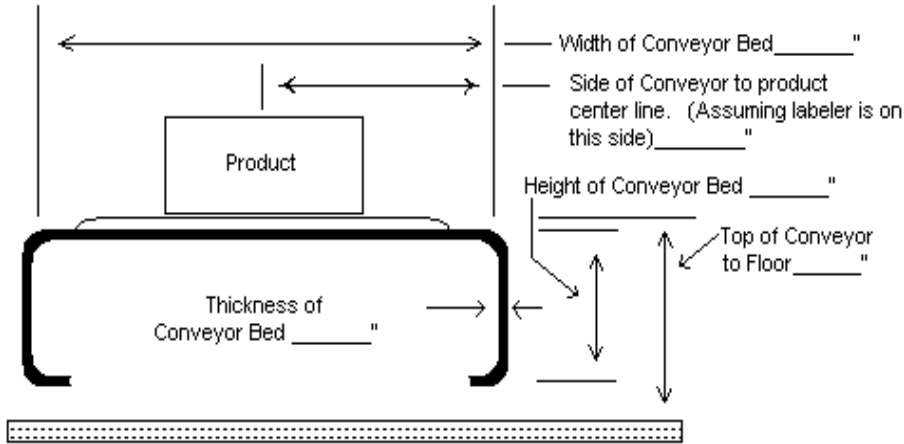
Fixed Speed: Feed Rate _____ pieces/min. Line Speed _____ "/min.

Variable Speed: Feed Rate _____ to _____ pieces/minute

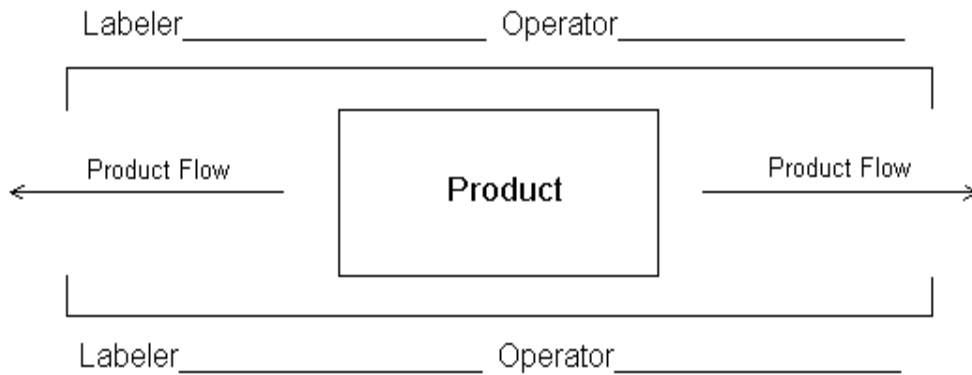
Line Speed _____ to _____ inches/minute

WE CAN NOT OPERATE WITH A VARIABLE SPEED CONVEYOR UNLESS THE PRODUCT WILL COME TO A COMPLETE STOP IN FRONT OF THE PRINTER/APPLICATOR. Dwell Time _____ in seconds if the product will make a complete stop.

The following information is essential. Please fill in all the blanks and indicate position of product on conveyor



Indicate direction of product flow, position of labeler, position of operator and specify top/bottom or side application.



Is there an opening under the conveyor to slide the stand? _____

5.0 GENERAL

Electric within 4 ft. of labeling area: Yes No Volts _____

Is compressed air available? Yes No _____PSI ____CFM

Is compressed air filtered? Yes No

