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Process Development & Technology Center

Pre-Trial Information Sheet

Company: _____
Bill To Address: _____
Ship To Address: _____
Ship To Address: _____
PO Originator Contact : _____ Phone: _____
E-Mail: _____
Trial Customer Contact _____ Trial Date: _____
E-Mail: _____ P.O.# _____
Phone: _____ S.O # _____

IMPORTANT

IN ORDER FOR THE TECHNOLOGY CENTER TO BE READY FOR A SUCCESSFUL TRIAL, WE MUST RECEIVE THE PRE-TRIAL INFORMATION SHEET 1 WEEK PRIOR TO THE SCHEDULED TRIAL DATE.

FAUSTEL MUST RECEIVE ALL MSDS SHEETS FOR ALL COATINGS AND THEIR ADDITIVES PRIOR TO SHIPMENT AND THE TRIAL.

ALL MATERIAL SENT TO FAUSTEL HAS TO BE SHIPPED ON PALLETS.

THE BREAKDOWN FOR A TYPICAL 8 HOUR TRIAL DAY DEPENDING ON COMPLEXITY IS 1 HOUR FOR SETUP, 1 HOUR FOR CLEANUP AND 6 HOURS FOR TRIAL WORK. ADDITIONAL TIME UP TO 3 HOURS PER DAY CAN BE PURCHASED AT \$200/HOUR.

Please complete and return to Faustel Technology Center ASAP

FAUSTEL - W194 N11301 McCormick Dr. Germantown, WI 53022
Phone: (262) 253-3333 Fax: (262) 253 3334
E-Mail: lqv@faustel.com and jwm@faustel.com

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Please ship all equipment to Faustel – Attention:

Technology Center

All material and equipment should be

Marked with Faustel's S.O.

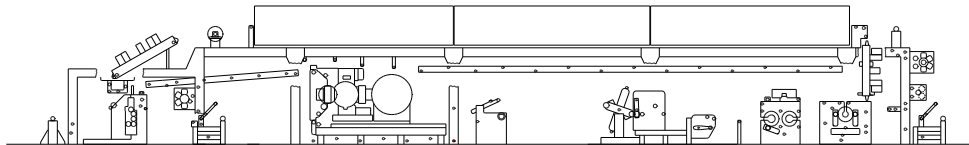
Please do not mark equipment with customer name in order to assure your confidentiality

1. Your Company Address:

Street: _____
City: _____
State: _____
ZIP: _____

2. Return Shipping Address (if different from above):

Company Name: _____
Attention: _____
Street: _____
City: _____
State: _____
ZIP: _____
Preferred Shipper: _____



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3. Primary Objective for the Trial:

4. Description of End Product:

5. Current Coating Method:

6. Coating Information:

		1 st Run	2 nd Run	3 rd Run	4 th Run
Supplier:					
Type:					
Coatweight Wet:					
Dry:					
Coating Width:					
Viscosity:					
% Solid:					
Solvents:					
Application Temp.					

All MSDS sheets have to be sent to Faustel prior to arrival of the coatings.

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7. Substrate Information:

Primary:

		1 st Run	2 nd Run	3 rd Run	4 th Run
Supplier:					
Type:					
Gauge:					
Width of Material:					
Core Size:					
Corona					
Treatment Req.					
Treatment Level					
Application Side:					
Coated Side In / Out					

Secondary

		1 st Run	2 nd Run	3 rd Run	4 th Run
Supplier:					
Type:					
Gauge:					
Width of Material:					
Core Size:					
Corona					
Treatment Req.					
Treatment Level					
Laminating Side: In / Out					

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8. Process Information:

		1 st Run	2 nd Run	3 rd Run	4 th Run
Line Speed:	fpm				
Tension - PLI					
Lamination Wet:					
Dry:					
Temp:					

9. Coating Method:

1 st Run	2 nd Run	3 rd Run	4 th Run

Others

10. Coating Supply System:

- o Shear sensitive coating
- o Heaters / Melt
- o Others: _____

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11. Drying / Curing Method: (The following methods are available)

60 Foot Thermal

- o Idler Roll Support
- o Flotation Support
- o Tangential Flow
- o Faustel decide

	First Zone	Second Zone	Third Zone
Air Flow:			
Temperature Top:			
Bottom:			
Web Temperature			

U.V. Curing System

- o 100%
- o Solvent Additives

	1 st UV System	2 nd UV System
Amount of Lights:		
Inert Level:		
Wattage:		
Bulb Type:		

E – Beam:

Voltage Level:		
Dosage:		

I.R. Drying

I.R. Drying Required Yes/No	
Temperature (F)	
Distance From Web	

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12. Mixing Equipment:

- o Mixing required at Faustel
- o Customer will mix coating prior to trial at Faustel
- o Others

13. Moisturization:

- o Yes
- o No

14. Winding:

Special instructions:

15. Coating Test:

How are the coating samples tested during trial?

- o Weight
- o Optical appearance
- o Others:

16. Clean Up Solvents:

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18. Support Equipment:

Bond Strength Tester – Amthor, 10 – 6000 g.

Black Light & Light Box

Thermometer –

- T/C Probe Type, Digital, 50 - 1100 C
- Glass: 0 - 300 F
- Bimetal: 50 - 500 F
- Infrared, Raytek and Fluke model 80T – 1R

Magnifiers – 30x + 100x

Lab Oven – Blue M, 10≤ x 10≤ 250 C

Dyne Test Kit

Jaw Heat Sealer, 6≤ - Sentinel Mod. #100-A

Viscosity Cups – Zahn #1, #2, #3, #4, #5

Portable Strobe Light

Micrometers

Draw down Plate with Metering Rods #'s: 5,6,7,9,10,12,15,16,20,22,38

Heater – Electric Strap, 5 Gal. And 55 Gal.

5 Gal. Holt Melt Delivery System

Digital Balances:

- Ohaus – 160 g. & 4,000 g
- M.S.I. – 100 lb.

Viscometer – Brookfield “Synchro-Lectric” Mod. RVF

Mixers – 5 Gal. and 55 Gal.

Pumps

- Vanton XB, Air Motor Driven
- Moyno Progressive Cavity
- Lobe Gear
- Tube-Set
 - ♣ Low Visc. / High Visc.

Glossmeter

- BYK Labotron Micro-Gloss 60
- Macbeth Nova-Gloss 60

Durameter Gauge - PTC Instruments Type A Model 306L

Tachometer- Tac-Ette Model 1707

Ph Paper – 0 to 13

Reservoir Tank – Jacketed, 20 Gal.

Misc. – Beakers, Flasks, Burettes, etc.

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Operating Arrangements

1. Reservations for use of the Tech Center, on dates specified, will be considered firm when our confirmation number has been issued upon receipt of your purchase order.
2. While Faustel may contribute process suggestions and makes every effort to maintain and operate the Tech Center facilities with maximum efficiency, in no event shall Faustel be held liable for loss of profits, indirect, consequential or incidental damages.
3. The per diem fee of \$3,500.00 covers one (1) weekday (7:00 a.m. to 3:30 p.m.), or any portion thereof, for all process and product development trials. Production runs have a \$4,250.00 per Diem fee and any runs making use of the Electron Beam and/or Inert UV Curing System have a per diem fee of \$3,750.00. Trial runs that require a large volume melter will require a \$375 per day fee for the melter and a one time \$1800 handling fee. IR curing can be provided at \$300 per day fee. These fees also cover one (1) weekday or any portion thereof. Each includes access to Tech Center facilities from 8:00 a.m. to 2:30 p.m. as well as use of Faustel personnel for set-up, runs, changeovers and equipment clean-up. Overtime will be charged at a rate of \$200.00 per hour up to 3 hours per day.
4. A cancellation request for a confirmed trial run will be honored without charge up to fourteen (14) days prior to the scheduled date. Any cancellations within the fourteen (14) days will be billed at the full per diem rate of your particular trial type, unless we are able to commit the use of the Tech Center to another group. (Most cancellations are due to the inability of getting all the materials put on order for delivery to Faustel on time.)
5. In preparing our coater/laminator for your trial run, we will make all necessary, non-permanent changes to suit the intended processes. If there is a need for equipment additions or parts that may not be in our inventory (including special etched cylinders), we will either produce or purchase them for you at our cost after obtaining your approval. The additional cost for these parts or etched cylinders will be charged at Faustel cost back to the customer. This will be done with the understanding that the parts or etched cylinders remain the property of Faustel at the conclusion of the trials.
6. Your trial run confirmation number will also serve as our control number to identify your incoming materials. These materials should be shipped freight prepaid and scheduled to arrive no earlier than two (2) weeks, nor later than three (3) working days prior to the run. Your freight should be identified as follows:

Faustel, Inc.
W194 N11301 McCormick Dr.
Germantown, WI 53022
ATTN: Trial Run # _____
7. Materials to be returned will be sent back collect. To insure compliance with both federal and local ordinances, Faustel must have the required M.S.D.S. (Material Safety Data Sheets) prior to unloading any materials for trial runs from any truck, van, or other vehicle on our premises.
8. All unused materials, except for any hazardous waste generated, will be forwarded to you for disposal. In addition to shipping charges, a nominal fee will be charged for appropriate containers.
9. Please fill out and return our Pre-Trial Information Sheet at least, two (2) weeks in advance. This will help prepare us better for your trial runs and maximize your use of the Tech Center. A list of people who are scheduled to attend and their functions will also be useful.
10. Scheduling of trial runs should be made well in advance. Routinely, there is a three (3) to four (4) week backlog.
11. In the event that a customer wishes to videotape or take photographs during trial or production runs, the Tech Center personnel must be notified in advance

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in order to obtain any pre-authorization which may
be required

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