FUJIKURA FIBER OPTICS VIETNAM LTD

CONCESSION PROPOSAL FORM

Form No.: 9-Pr-008-9-Fo-002	Version: 07	Page: 1/1	
Record No: 9-PR-008-9-FO-002-4-RC-0621	Record Name: **Extend date for overdue Ideal Jacobs label (AFL product)**		

Proposed by: PhungTK
Date: Sep 20th, 2024

Checked by:
Date: 20/Sep/2024

1. I would like to propose a concession for nonconforming item(s) as follow :

☐ Product ☐ Method ☒ Material ☐ Machine ☐ Others: .....

Nonconforming report or issue date: Sep 19th, 2024

Concession content: Extend date for overdue Ideal Jacobs label follow to Table 1.

a. Background

- The list of expired labels in FOV at the table below:

Table 1:

No	Item number	Item name	Spec number	Lot #	Stock in FOV (pcs)	Expired date	New Expired date
1	LBL0630	Orange/White flag label, 35(10/25)x25mm, #13 Black(PN: IJ41999-13)	P-00-HS-0300-03	230328_00003	487	3/28/2024	9/5/2025
2	LBL0625	Blue/White flag label, 35(10/25)x25mm, #1 White(PN: IJ41998-1)	P-00-HS-0300-03	230328_00001	487	3/28/2024	9/5/2025
3	LBL0629	Orange/White flag label, 35(10/25)x25mm, #2 Black(PN: IJ41999-2)	P-00-HS-0300-03	230328_00002	487	3/28/2024	9/5/2025
4	LBL0588	Black Wraparound "L" Label 1.437x0.4"	IJ42064	230711_00011	203	7/11/2024	9/5/2025
5	LBL0589	White Wraparound "R" Label 1.437x0.4"	IJ42065	230711_00012	290	7/11/2024	9/5/2025
6	LBL0624	White flag label, 50x37mm	IJ42409	230418_00010	225	8/18/2024	9/5/2025
7	LBL0598	R label (flag style)	IJ41975	221213-00001	1642	8/18/2024	9/5/2025
8	LBL0599	L label (flag style)	IJ41974	221213-00002	1697	8/18/2024	9/5/2025
9	LBL0601	02 label (wrap round)	IJ42067	230907000135	961	8/24/2024	9/5/2025
10	LBL0600	01 label (wrap around)	IJ42066	230907000134	961	8/24/2024	9/5/2025
11	LBL0588	Black Wraparound "L" Label 1.437x0.4"	IJ42064	231005000044#01	2999	9/27/2024	9/5/2025
12	LBL0589	White Wraparound "R" Label 1.437x0.4"	IJ42065	231005000061#01	2999	9/27/2024	9/5/2025

- To saving material, AFL customer requested to testing to extend expire date for overdue label.
- Testing was conducted by Ideal Jacobs supplier. The overdue label passed qualification test are re-certified for another 12 months period.
- Purchaser can refer to test result to actively prepare enough material if there's any demand arise.

b. Test method&Result:

- Refer to Appendix 1 for testing detail from supplier.
- All labels check retain adhesive properties and are re-certified for another 12 months period from the test day (9/5/2024) as the Table 1.

2. Reason

☐ Effect to delivery schedule

☐ Not required in customer Spec, but required in FOV

☒ Others (Detailed description): - All labels check retain adhesive properties as the test result (Appendix 1)
- We can save about 7980.35$ by continuing to use these labels.

3. FOV's Approval:

- ☐ Not accept, follow the relative procedure
- ☐ Internal concession
- ☐ Need inform to customer
- ☑ Need appoval of customer

QA confirmed (if any):

Date: 21. Sep. 24

Approved by:

Date: 20. Sep. 24

4. Customer's approval:

☑ Accept ☐ Not accept ☐ Other request:

Customer's comment:

Approved

Signature: Abraham J Rangel

Date: Sept-24-2024

Re: NEW PO#F2305551 -IJCS. Re: CHECK CURRENT STOCK - LBL0616, LBL0617

TO

Tin-Wei O'Boyle <tinwei@idealjacobs.com>

To FOV PRE1 Tran Khanh Phung

Cc FOV PLN Nguyen Thi Hoai Thuong; Marozas, Haley; Andrew Jacobs; Jimenez, Abraham Israel; Rich Green III; Vinnie Santoro; Bernadette Phillips; FOV PRE1 Ngo Dinh Duy Tan; Shipping Department; Orders US; Dave Lebre

Reply | Reply All | Forward | ...

Thu 9/19/2024 10:28 PM

You replied to this message on 9/20/2024 7:30 AM.
If there are problems with how this message is displayed, click here to view it in a web browser.

Hi Ms. Phung,

The extended date would be from the test date. So the new date would be 9/5/2025.

Regards,
Tin-Wei O'Boyle
Engineer

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> On Sep 19, 2024, at 2:27 AM, FOV PRE1 Tran Khanh Phung <phungtk@vn.fujikura.com> wrote:
>
> Hi mr. Tin-wei,
>
> I'm from FOV engineering team.
> Thanks for you test information.
>
> I want to make clear about this:
> **All labels are re-certified for another 12 month period => Do it count from their expired date or test date?**
>
> For example: Original expired date: 3/28/2024
> New expired date: 3/28/2025 or 9/5/2025 (Test date was 9/5/2024)
>
> *Best Regards!*
> -----.-----.-----.-----
> Phung (ms)
> Ext:383

Test IJ0001 - 90 Degree Label Pull Test Report

Tester: Tin-Wei O'Boyle

Report Date: 9/9/2024

1. Introduction:

The following is a study in order to determine label-specific standards for peel strength utilizing a 90 degree test format.

2. Test Method:

The test method used for this study is a modified version of the ASTM D 3330/D 3330M method F. All modification and their locations within the method documentation are listed below:

1.2 The assessment will utilize produced labels laminated with pressure sensitive adhesives.

9.1-9.4 The specimens will be defined by their own dimension. Results for labels whose widths are under 1 in will include the original measurement as well as a corrected value for 1 in. For labels whose widths are larger than 1 in, the label will be cut to 1 in width so as to properly fit within the jaws of the measurement device. Only one results will be provided for these specimens.

11.5 Given the size of individual labels, average force will be determined using the values that are relatively asymptotic to the plotted graph in program. The on-board pull tester software will determine this. The samples will not be allowed to disconnect from the 90 deg fixture, meaning a minimum of 0.25 in will remain attached following the end of the data gathering time frame. Since

3. Description of Samples:

Labels being tested are noted in Appendix A1. All labels have a general width and length noted as L x W respectively. All labels will be applied to and allowed to dwell for 1 min prior to testing. At least 5 of each label will be tested per sample. Control labels where done for each formulations of adhesive and are label within the test samples. These are labels from the most recent batches of specimens or lots of adhesive. Environmental temperatures will be maintained at 70 +/- 5 F with a RH < 50 +/- 5%

4. Instruction:

4.1 Dispense acetone onto a cleaning cloth and wipe down the test panel. Allowed to dry at standard conditions for at least 10 min. If cleaned panel is not used within 10 h, it should be re-cleaned.

4.2 Remove a specimen of the label to be tested, leaving the backing liner on. Fold and pinch down .25 in at one end and peel back the the liner such that a 90° bend of label and active adhesive is free. If the test clamp of the apparatus is homed or <1 in from the test panel, move the clamp up such that the operator can work under it and loosen the jaws. Position the tab underneath the jaws of the pull testing apparatus, and clamp down leaving the unfolded end parallel to the bottom of the clamp. Peel back the liner. Home the machine, keeping the label up such that it doesn't make contact with the test panel. Allow the specimen to gently rest on the test panel. Using a flat plastic scraper, apply hand pressure and push out all the bubbles from the label. Allow sit for at least 1min before running the test.

4.3 Operate the moving jaw at 10 +/- 0.5 in./min and record force values.

4.4 After the movable jaw is started in motion, disregard the climbing values obtained while the label is mechanically peeled. Use the average force obtained during peeling of the horizontal portion as the average adhesion value.

4.5 Remove label and repeat steps 4.1-4.4 with a new label. Compile average adhesion value across at least 5 labels per specimen. Normalize with specimen width by dividing by "Test W" per label.

5. Description of Equipment:

5.1 A Mark-10 F305-IMT pull tester frame, equipped with IntellMESUR software an a Mark-10 G1109 90° test frame was used to perform the test. The device has a tolerance of +/- .02 lbF which will pertain to all test values.

5.2 Acetone and a microfiber cloth was use to pre surfaces.

5.3 Sharp blade or scissors were used to prep labels

5.4 Caliper was used to confirm cut pieces such that they fall within +/- .01" of required measurements.

5.5 Plastic scraper was used to apply labels.

6. Results:

Results are shown in Appendix A2. All values were found to fall either at or above control values. As such, all labels check retain adhesive properties and are re-certified for another 12 month period.

Appendix:

A1 : Specimen List

No	Item Number	Item Name	Lot #	Spec Number	L x W (in x in)	Detail expired Date
1	LBL0630	Orange/White flag label, 35(10/25)x25mm, #13 Black(PN: IJ41999-13)	230328_00003	P-00-HS-0300-03	1.378 x .984	3/28/2024
2	LBL0625	Blue/White flag label, 35(10/25)x25mm, #1 White(PN: IJ41998-1)	230328_00001	P-00-HS-0300-03	1.378 x .984	3/28/2024
3	LBL0629	Orange/White flag label, 35(10/25)x25mm, #2 Black(PN: IJ41999-2)	230328_00002	P-00-HS-0300-03	1.378 x .984	3/28/2024
4	LBL0588	Black Wraparound "L" Label 1.437x0.4"	230711_00011	IJ42064	1.437 x .4	7/11/2024
5	LBL0589	White Wraparound "R" Label 1.437x0.4"	230711_00012	IJ42065	1.437 x .4	7/11/2024
6	LBL0624	White flag label, 50x37mm	230418_00010	IJ42409	1.969 x 1.457	8/18/2024
7	LBL0598	R label (flag style)	221213-00001	IJ41975	1.102 x .709	8/18/2024
8	LBL0599	L label (flag style)	221213-00002	IJ41974	1.102 x .709	8/18/2024
9	LBL0601	02 label (wrap round)	230907000135	IJ42067	1.437 x .4	8/24/2024
10	LBL0600	01 label (wrap around)	230907000134	IJ42066	1.437 x .4	8/24/2024
11	LBL0588	Black Wraparound "L" Label 1.437x0.4"	231005000061#01	IJ42064	1.437 x .4	9/27/2024
12	LBL0589	White Wraparound "R" Label 1.437x0.4"	231005000061#01	IJ42065	1.437 x .4	9/27/2024
13	Control_1	THT-119-427-2.5 Alternative Label (White)	J146601-01	CS017581	2.50 x 1.50	7/18/2026 (EXPECTED)
14	Control_2	FLX000409 - FLEXmark V 400 FROSTY CLEAR	FLX000409	2520	1.437 x .4	5/6/2026 (EXPECTED)

A2: Results

No	Item Number	Test Date	Test W	Test L	Ave Peel Adhesion (lbf/in)	Normalize to 1”	Pass/Fail
1	LBL0630	9/5/24	0.984	0.6	5.588	5.679	Pass
2	LBL0625	9/5/24	0.984	0.6	5.869	5.964	Pass
3	LBL0629	9/5/24	0.984	0.6	5.55	5.640	Pass
4	LBL0588	9/5/24	0.4	0.4	1.068	2.670	Pass
5	LBL0589	9/5/24	0.4	0.4	1.091	2.728	Pass
6	LBL0624	9/6/24	1.0	1.0	4.786		Pass
7	LBL0598	9/6/24	0.709	0.4	4.034	5.690	Pass
8	LBL0599	9/6/24	0.709	0.102	4.105	5.790	Pass
9	LBL0601	9/5/24	0.4	0.4	1.168	2.920	Pass
10	LBL0600	9/5/24	0.4	0.4	1.182	2.955	Pass
11	LBL0588	9/5/24	0.4	0.4	1.351	3.378	Pass
12	LBL0589	9/6/24	0.4	0.4	1.281	3.203	Pass
13	Control_1	9/6/24	1.0	1.0	3.79		
14	Control_2	9/6/24	0.4	0.6	1.034	2.585	