

Product/Process Change Notification

| PCN Number: | 100023-B | Product Categor | ry: DM-2/DM-2.3 Cartridge | Issue Date | : 22-Jun-2017 | | |
|---|---|--------------------|-----------------------------|------------|---------------|--|--|
| Contact: | Inside Sales | | E-Mail: insidesales@x | andex.com | | | |
| | 1360 Redwood | d Way, Suite A | Phone: 707-763-7799 | | | | |
| | Petaluma, CA | 94954 | Fax: 707-763-2631 | | | | |
| Description of (| Change to Cust | omer: | | | | | |
| A different polypropylene compound is being used to manufacture the plastic DM-2 and DM-2.3 cartridge | | | | | | | |
| components. | | | | | | | |
| Reason For Cha | ange: | | | | | | |
| The polypropylene compound used for cartridge has been discontinued by the manufacturer and a replacement | | | | | | | |
| compound with identical characteristics is not available. | | | | | | | |
| Customer Impa | Customer Impact of Change and Recommended Action: | | | | | | |
| Testing verifies no impact in product performance. | | | | | | | |
| | | | | | | | |
| Forecasted Key | Milestones: Si | ubject to change b | ased on business conditions | 3 | Date: | | |
| Complete Interi | nal Qualification | n Testing | | | Complete | | |
| Samples Availa | ble To Order | | | | Available Now | | |
| First Shipment of Changed Product (as early as) | | | | | 1-Oct-17 | | |
| Last Shipment of Unchanged Product (subject to material availability) | | | | | 30-Sep-17 | | |
| Method of Ident | tifying Changed | Product: | | | • | | |
| Ship date. PCN will be revised when exact changeover date is known. | | | | | | | |
| | | - | | | | | |

Assessment:

Material change

Products and Xandex Part Numbers Affected

All DM-2 303-16XX 303-18XX 303-15XX All DM-2.3 304-15XX 304-15XX 304-18XX

Revision History

| Reviolen Theory | | | | |
|-------------------|------------------|---|--|--|
| Date of Revision: | Revision Letter: | Reason: | | |
| 22-Jun-17 | A | Initial release | | |
| 23-Jun-17 | В | Updated with completion of internal testing | | |
| | | | | |

Please contact your Xandex sales representative for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.

PCN 100023-B Appendix: Qualification Testing

| Test | Result |
|----------------------------------|--------|
| Dmensional requirements | Pass |
| Mechanical properties | Pass |
| Production process compatibility | Pass |
| Cartridge sealing and opening | Pass |
| Inking properties | Pass |
| Beta testing | Pass |