



Technical Bulletin

Place a copy of this bulletin in the front of each Blueprints Manual. Redline drawings as needed and include a TB reference note. Reference TB implementation on site Action Item Box-chart and/or site tool history management log.

Number: 068
Date Issued: 02/22/08
Expiration Date: None

Subject/Key Words:	Faith Wafer Transfer Systems; Wafer Engagement Components; Cassette and Carrier Nests; Material Choices			
Classification:	<input checked="" type="checkbox"/> Informational	<input type="checkbox"/> Mandatory	<input type="checkbox"/> Safety Alert	<input type="checkbox"/> PM Impact
	<input type="checkbox"/> Warranty Impact	<input type="checkbox"/> Purchase Parts	<input type="checkbox"/> No Charge For Parts expires ___ / ___ / ___. Reference this TB# when ordering NC parts.	
Parts/Reference Documents:				

Issue/Symptoms: On Faith Wafer Transfer systems, the standard-issue material for wafer pushers and rollers is Delrin[®] polymer plastic, which is white in color. In most applications the Delrin[®] components do not experience wear, and are not considered a consumable item. However, select process applications can produce wafers that generate wear on Delrin[®] pushers and rollers. This wear can affect their ability to operate correctly.

Solution: Parts made of Delrin[®] are now available in ULTEM[®], a harder material less prone to wear in these select applications. ULTEM[®] is amber in color.
When ordering replacement parts specify the Akrion tool number or the Faith Wafer Transfer system Serial Number and the material of choice.

If you have technical questions or require more information, please contact Akrion Technical Support Department via e-mail at techsupport@akrion.com. Authorized service personnel can obtain copies of the latest Akrion procedures and controlled documents from the Akrion Document Control department at doccontrol@akrion.com. Customers must direct all inquires to their local Akrion field service representative. (Form QA1656F1AC)