



June 9, 2014

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Customer Update: Conversion of Pall Corporation Fluoropolymer Products to PFOA Free

Dear Valued Customer,

Pall Corporation is committed to comply with the EPA 2010/15 PFOA Stewardship program. This important initiative, to completely remove the use of PFOA (perfluorooctanoic acid) as a processing aid in the production of fluoropolymer materials, has been adopted globally by the largest fluoropolymer manufacturers and their end customers. Pall Corporation is pleased to provide the following update on our progress relative to the completion of this initiative.

Background:

- The term “PFOA Free” indicates that the filter materials are not formulated using PFOA as a trace constituent
- All fluoropolymer filter components for wet etch and clean applications have been qualified with PFOA free material – as a result of extensive testing, the following filter components have been deemed equivalent :
 - filter hardware material
 - filter support materials
 - filter membrane materials
 - capsule and housing materials

Conversion Plan:

- The PFOA free filter rollout for each specific part number will be dependent on depletion of existing filter material inventory – the original materials of record (materials which incorporated PFOA in their formulation) are no longer available – no special arrangements can be made to provide the product of record once the existing inventories are depleted
- All new products developed by Pall were made from PFOA free materials – for example the PFOA free XpressKleen_™, XP-12, product family launched in July 2013
- There will be no part number changes as a result of this materials conversion – the top level product is fully traceable relative to the materials used
- ❖ **The current projected date for completion of the conversion process is May 2015**

The completion date is the best projection based on current sales volume and existing inventories. For more details on specific part numbers, please contact your local Pall sales or marketing representative.

Sincerely yours,

William L. Murphy
Director Microelectronics
Quality Assurance