



Document Number	PADI 003
Revision Number	1
Date	22 <sup>nd</sup> March 2018

## PALL Aerospace Disposable Air Filter Elements

### 1. Purpose and Scope

- 1.1 This document provides guidance on disposal and recycling of the component parts within Pall Disposable Air Filter Elements on completion of the serviceable life.
- 1.2 This document, when read in conjunction with the relevant component maintenance manuals (CMM) and aircraft maintenance manuals (AMM), provides material guidance and disassembly procedures for the disposable air filter element.

### 2. Tools Required

Tools included in a standard aircraft maintenance tool kit plus those listed within the relevant CMM and AMM will be necessary to accomplish this task.

### 3. Disassembly Method

- 3.1 Remove the filter element from the aircraft in accordance with relevant AMM and CMM instructions.
- 3.2 Dispose of components in accordance with the materials of construction and hazard classification of the contaminants present.



#### **4. Materials of Construction and Disposition Guidance: Disposable Air filter Element**

Figure 1 as shown is for an illustrative example only.

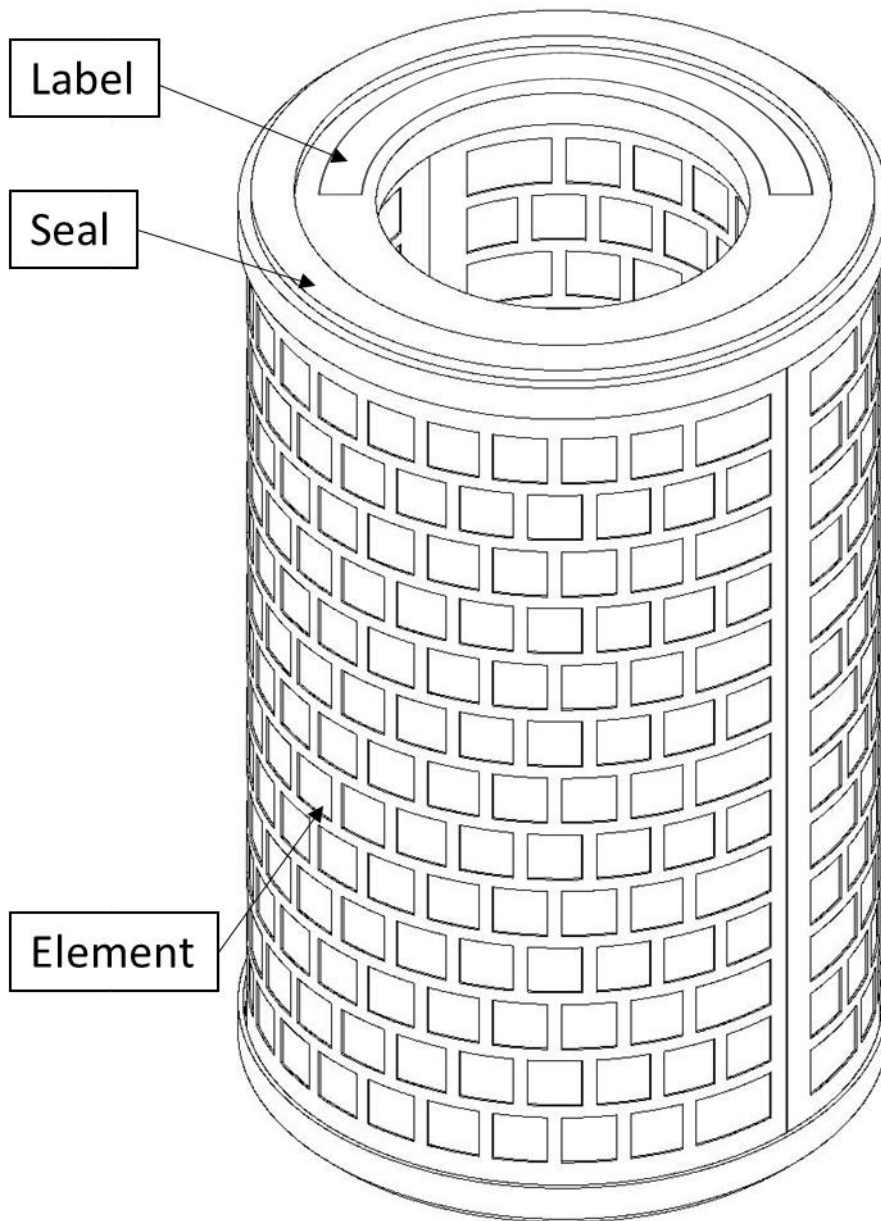
The filter element is shown as an example unit, however the actual element may differ in shape and may not have seals or a separate label.

The equipment in your system will be a variant of the example(s) shown.

4.1 Disposable Air Filter Element to be placed in Pall Aerospace Air Filter Housing – see Figure 1,2. Disposable Air Filter Element with enclosed housing – see Figure 3.

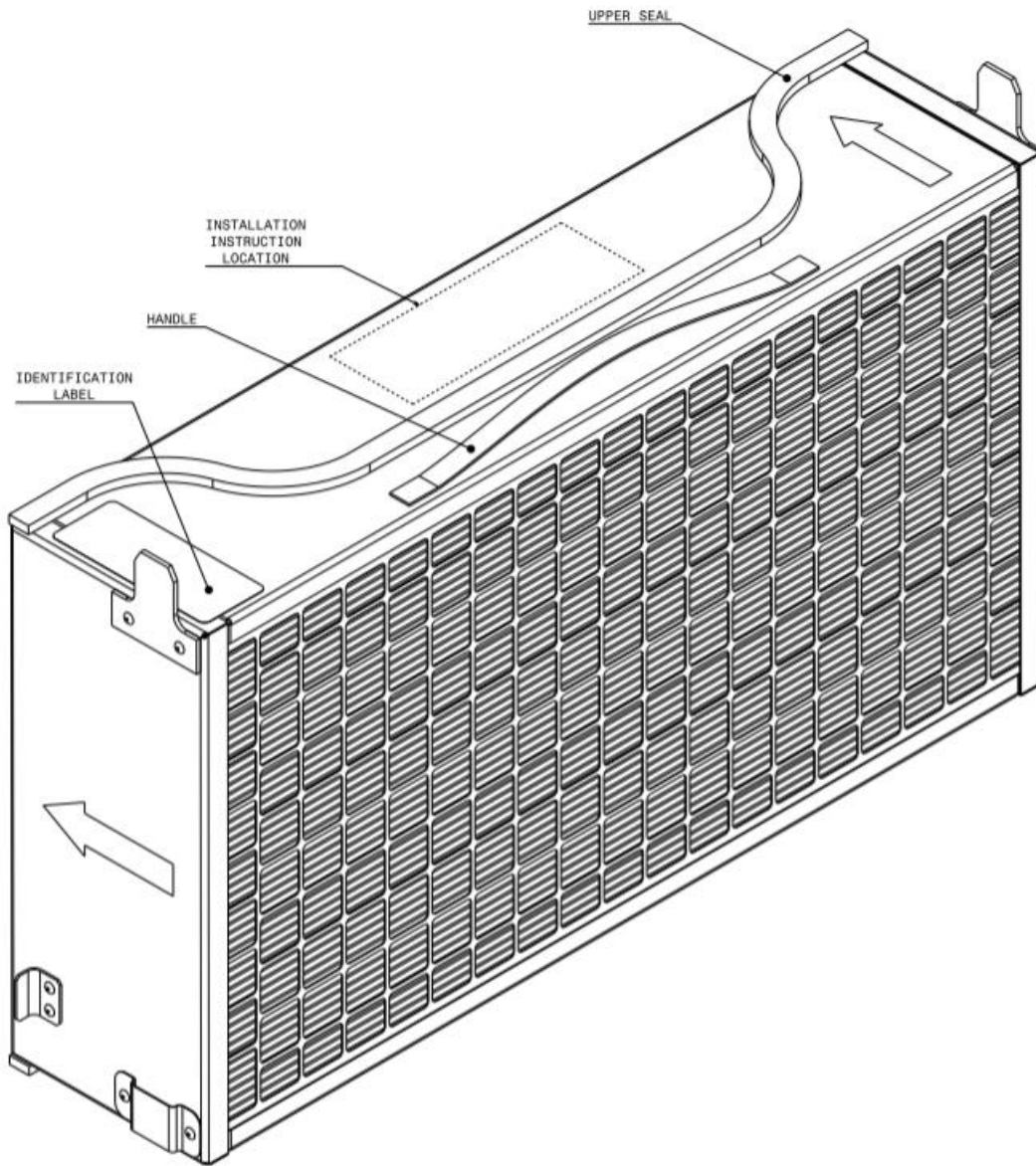
- This shows a filter element (represented as an example unit) with parts labelled to show typical locations.

Table A provides a generic list of materials and disposition guidance for the Filter element components.



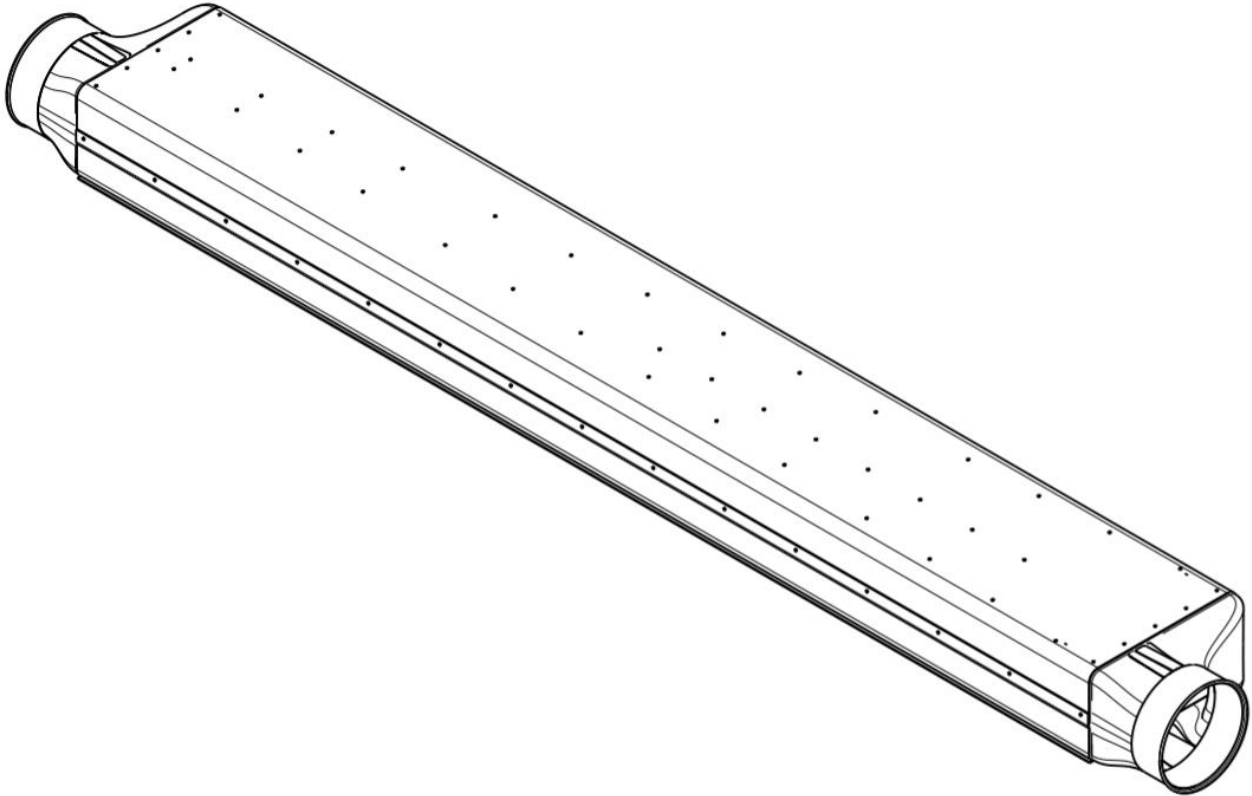
View of typical Disposable Air Filter Element

Figure 1



View of typical Disposable Air Filter Element

Figure 2



View of typical Disposable Air Filter Element  
Figure 3

<b>Filter Element (Figure 1,2)</b>		
<b>Components</b>	<b>Material Type or Information (options that may be included)</b>	<b>Disposition Information</b>
Filter Element	PA66, Anodised Aluminium Alloy, Aluminium Alloy, Polycarbonate, Glass Fibre or Synthetic (Filter Media), Acrylic, Epoxy Resin, Polymer Based Spherical Carbon Beads (Carbon filter media), PA66 Webbing (Handle). Metalized polyester alloy (Label)	<p>Metallic components can generally be recycled unless permanently contaminated or coated.</p> <p>Disposition should reflect the materials of construction and any contaminants present as the result of use. Dispose of in line with local and national legislation and guidelines.</p>
Seal	Silicone sponge, silicone rubber	Dispose of in line with local and national legislation and guidelines for sealing materials.
<p><b>Note: Obtain copies of Material Safety Data Sheets to allow decision on disposal instructions as appropriate for review in accordance with local Environmental, Health and Safety procedures.</b></p>		

Materials of Construction and Disposition guidance for a typical Disposable Air Filter Element

Table A