

3.1 GENERAL NOTES

- 3.1.1 THE OXYGEN COMPATIBLE PRIMARY SEALING MATERIAL SPECIFIED IN THIS PROCEDURE IS ACLAR OR FEP TEFLON FILM, AND IS TO BE USED ON ALL LO/GO ITEMS. ACLAR OR FEP TEFLON MAY ALSO BE USED AS THE PRIMARY SEALING MATERIAL FOR ALL OTHER APPLICATIONS, HOWEVER DUE TO COST CONSIDERATIONS AND THE TENDENCY FOR THE FILM TO SLOUGH, THEY SHOULD ONLY BE USED WHEN ABSOLUTELY NECESSARY.
- 3.1.2 ACLAR OR FEP TEFLON FILM SHALL BE USED AS THE PRIMARY SEALING MATERIAL ON PRECISION CLEANED ITEMS FOR WHICH NO SERVICE MEDIA IS SPECIFIED.
- 3.1.3 ANTI-STATIC NYLON SHALL BE THE PREFERRED PRIMARY PACKAGING MATERIAL ON ALL OTHER (NON-LO/GO) PRECISION CLEANED ITEMS, WITH THE EXCEPTION OF LEVEL 3 (VISUALLY CLEAN) ITEMS.
- 3.1.4 METAL CAPS, PLUGS, HUBS, ETC, (STAINLESS STEEL FOR STAINLESS COMPONENTS AND CARBON STEEL FOR CARBON COMPONENTS), MAY BE USED IN LIEU OF ACLAR/FEP TEFLON OR NYLON FILMS TO PROTECT SIGNIFICANT SURFACES OF PRECISION CLEANED ITEMS. WHEN USING METAL CLOSURES AS PRIMARY PACKAGING, NO SECONDARY PACKAGING MATERIAL IS REQUIRED.
- 3.1.5 ALL PRIMARY PACKAGING MATERIALS WILL BE CERTIFIED AS CLEAN AS, OR CLEANER THAN, THE ITEM IT IS TO PROTECT.
- 3.1.6 THE SECONDARY (OR ENVIRONMENTAL) PACKAGING SPECIFIED IN THIS PROCEDURE IS ANTI-STATIC POLYETHYLENE. THIS SECONDARY MATERIAL PROVIDES PHYSICAL PROTECTION ONLY. ALTHOUGH IT DOES NOT REQUIRE THE CLEANLINESS CERTIFICATION OF THE PRIMARY PACKAGING MATERIAL, THE POLYETHYLENE MATERIAL SHALL BE VISUALLY CLEAN.
- 3.1.7 DUE TO THE HIGH WATER VAPOR TRANSMISSION RATE (W.V.T.R.) OF NYLON FILMS, NYLON IS TO BE USED AS A PRIMARY COVER ONLY, AND THIS IS PERMITTED ONLY WHEN IT IS USED IN CONJUNCTION WITH A SECONDARY COVER OF POLYETHYLENE PACKAGING MATERIAL.
- 3.1.8 ADEQUATE OVER-PACKAGING OF ITEMS SHALL BE PROVIDED AS REQUIRED, IN ADDITION TO THE PACKAGING HEREINAFTER SPECIFIED, TO PROTECT THE ITEMS DURING HANDLING, SHIPPING AND STORAGE.
- 3.1.9 PACKAGING OF SOFT GOODS SHALL NOT CONSTRAIN THE PART OR IN ANY WAY IMPEDE THE PART'S ORIGINAL CONFIGURATION. THE PACKAGING SHALL BE SUFFICIENTLY OVERSIZED TO ALLOW FOR FREE MOVEMENT WITHIN THE PRIMARY SEALING MATERIAL.
- 3.1.10 AN ITEM FOR WHICH NYLON IS USED AS THE PRIMARY COVER SHALL HAVE ITS CLEANING CERTIFICATION CARD STAMPED "NOT PACKAGED FOR OXYGEN SERVICE".

3.2 FILTER ELEMENTS

- 3.2.1 DUE TO THE FRAGILE CONSTRUCTION AND HIGH COST OF STAINLESS STEEL FILTER ELEMENTS, SPECIAL CARE MUST BE APPLIED IN PACKAGING AND TRANSPORT. THE FOLLOWING NOTICES MUST BE APPLIED BETWEEN THE PRIMARY AND SECONDARY PACKAGING: "THIS END UP", "FRAGILE", "HANDLE WITH CARE".
- 3.2.2 FILTER ELEMENTS RECEIVED IN WOODEN CONTAINERS SHALL BE DOUBLE BAGGED PER STEP 3.2.1 AND RETURNED IN THE SAME WOODEN CONTAINERS. SMALL FILTER ELEMENTS SHALL BE DOUBLE BAGGED PER STEP 3.2.1 AND PLACED IN PASTEBOARD BOXES OR OTHER SUITABLE RIGID CONTAINERS, WITH ADEQUATE PADDING TO PREVENT FILTER DAMAGE. THE EXTERIOR OF THE CONTAINER SHALL BE LABELED "THIS END UP", "FRAGILE", "HANDLE WITH CARE".
- 3.2.3 THE CLEANING CERTIFICATION CARD SHALL BE SEALED IN A POLYETHYLENE BAG, AND ATTACHED TO THE OUTSIDE CONTAINER.

3.3 LO/GO COMPONENTS, PIECE PARTS, AND SOFTGOODS3.3.1 COMPONENTS

- 3.3.1.1 COMPONENTS SHALL HAVE ALL PORTS AND OTHER SIGNIFICANT SURFACES PROTECTED BY COVERING WITH ONE LAYER OF CLEAN ACLAR OR FEP TEFLON FILM. SECURE AND REINFORCE THE ACLAR OR FEP TEFLON FILM WITH TAPE.
- 3.3.1.2A FOR SMALL COMPONENTS WHOSE SIZE WILL PERMIT PLACING THE ENTIRE COMPONENT IN A POLYETHYLENE BAG, COVER THE ACLAR, OR FEP TEFLON FILM BY PLACING THE ENTIRE COMPONENT IN A POLYETHYLENE BAG. THE CLEANING CERTIFICATION CARD SHALL BE PLACED IN THE POLYETHYLENE BAG WITH THE COMPONENT PRIOR TO SEALING.
- 3.3.1.2B FOR COMPONENTS WHOSE SIZE WILL NOT PERMIT PLACING THE ENTIRE COMPONENT IN A POLYETHYLENE BAG, COVER THE ACLAR, OR FEP TEFLON FILM WITH ONE LAYER OF POLYETHYLENE AND SECURE WITH TAPE. THE CLEANING CERTIFICATION CARD SHALL BE SEALED IN A POLYETHYLENE ENVELOPE AND ATTACHED TO THE COMPONENT.
- 3.3.1.3 OPENINGS (1-1/2" AND LARGER) SHALL HAVE AN ADDED COVER OF METAL OR HARDBOARD OVER THE SECONDARY PACKAGING TO PREVENT DAMAGE. SECURE HARD COVER WITH TAPE.

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