



NOMINAL PRESSURE: __ 6 ATM __
MIN BURST PRESSURE: __ 8 ATM __

NOTES: UNLESS OTHERWISE SPECIFIED

TECHNICAL REQUIREMENTS

1. PROCESSING
 - a. BALLOONS WERE NOT ANNEALED
2. VISUAL INSPECTION
 - a. ALL BALLOONS WILL BE VISUALLY INSPECTED (100% VISUAL INSPECTION)
 - i. THE SURFACE OF THE BALLOONS SHOULD BE CLEAN, NO PARTICULATE, NO SPOTS VISIBLE, NO FISH EYES WHEN INSPECTED 12-18" FROM EYE
 - ii. THERE WILL BE NO VISUAL DEFECTS (GELS, DIAMONDS, FISH EYES) EXCEEDING .5MM IN DIAMETER WHEN INSPECTED
3. DIMENSIONAL INSPECTION AND COMPLIANCE TEST
 - a. BALLOONS WILL BE TESTED FOR DIMENSIONAL TESTING
 - ii. LENGTH WILL BE MEASURED AT 0ATM PRESSURE OR ZERO VOLUME WITH A RULER (.25MM RESOLUTION)
 - iii. CRESCENT DESIGN HPT-1000 AND HARVARD APPARATUS WILL BE USED TO MEASURE OD OF BALLOON
 - iv. USE MITUTOYO ELECTRONIC MICROMETER TO MEASURE DWT (.0001" ACCURACY) (PART# 293-831-30)
 - v. USE PIN GAUGES TO MEASURE TAIL ID (.001" RESOLUTION)
 - vi. USE DROP GAUGE TO MEASURE LEG OUTER DIAMETERS. IF DROP GAUGE COMPRESSES THE OUTER DIAMETER A PIN GAUGE WILL BE INSERTED INTO THE INNER DIAMETER FOR OUTER DIAMETER MEASUREMENT
4. FUNCTIONAL INSPECTIONS
 - a. MIN BURST TEST
 - i. WILL USE CRESCENT DESIGN HPT-1000 OR HARVARD APPARATUS
 - ii. RADIAL FAILURES ARE ACCEPTED ABOVE MIN BURST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES XX ± .01 ± .5° XXX ± .005 [BRACKET DIMENSIONS ARE MM] DO NOT SCALE DRAWING		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF POBA MEDICAL, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF POBA MEDICAL, INC. IS STRICTLY PROHIBITED.		POBA MEDICAL 3001 W. Shamrell Blvd Suite 110 FLAGSTAFF, AZ 86005	
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MATERIAL PET ARRAY 9921		APPROVALS DRAWN G.SMITH CHECKED G.SMITH		DATE 9/4/2025 9/4/2025	
FINISH		ENGR G.SMITH		REV A	

