



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	8/27/2025	G.SMITH

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

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MATERIAL
PEBAX 7433

FINISH

APPROVALS
DRAWN
G.SMITH
CHECKED
ENGR
G.SMITH

DATE
8/27/2025

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POBA MEDICAL
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5x40

SIZE
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DWG NO.
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TITLE

SCALE 2:1

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