



NOTES:

- THESE PARTS ARE IDENTICAL TO 801-024-2 EXCEPT IN THE WAY THEY ARE LABELED/IDENTIFIED, THEY ARE DRAWN HERE INFLATED TO NP
- CIRCLED DIMENSIONS WILL BE INSPECTED
- BRACKETED DIMENSIONS & DIMENSIONS SHOWING "REF" ARE REFERENCE ONLY
- PRIMARY UNITS ARE MILLIMETERS, INCHES SHOWN AS "in"
- BALLOON OD (A) WILL BE INSPECTED WITH NECKS CONSTRAINED AND SPACED A DISTANCE L2 APART AND INFLATED WITH AIR AND IN AIR AT ROOM TEMPERATURE 22 +/- 3DEG C
- TOTAL LENGTH (L2) WILL BE INSPECTED WITH NECKS UNCONSTRAINED AND AT NP
- DOUBLE WALL THICKNESS (DWT) AND NECK DIAMETERS TO BE MEASURED ON UNINFLATED BALLOONS
- DOUBLE WALL THICKNESS (DWT) IS SINGLE WALL THICKNESS (WT) MULTIPLIED BY 2 AND DWT IS SPECIFIED BECAUSE IT CAN BE MEASURED NON-DESTRUCTIVELY
- PARTS TO BE FREE FROM ANY RESIDUE FROM ANY PROCESSING OPERATION
- PACKAGING LABEL REQUIREMENTS:
 - SUPPLIER NAME
 - PART NUMBER AND REVISION LEVEL
 - PART DESCRIPTION
 - QUANTITY

COMPLIANCE TABLE		
INFLATION PRESSURE	BALLOON OD	OD TOLERANCE
P	A	TOL
(psi)	(mm)	(mm)
0.5	34	REF
1	40.00	+ -1.75
5	58	REF

REQUIREMENTS TABLE	
Nominal Pressure	1.0psi
Inspection Pressure 1 (P1)	0.5psi
Inspection Pressure 1 (P2)	5.0psi
Average Burst Pressure	> 5.5psi
Nominal Volume (NV)	33ml REF
Double Wall Thickness	0.0009" REF
Compliance	Compliant (C)
Annealing	None

NOMENCLATURE TABLE	
A	Balloon OD
L1	Working Length
L2	Total or "Shoulder to Shoulder" Length
NP	Nominal Pressure
DWT	Double Wall Thickness
PID	Proximal Neck Inner Diameter
DID	Distal Neck Inner Diameter
POD	Proximal Neck Outer Diameter
DOD	Distal Neck Outer Diameter

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS		TITLE 40 X 40MM C SPHERICAL BALLOON	
THIRD ANGLE PROJECTION		MATERIAL TPU 80A	
DO NOT SCALE DRAWING	SCALE 1:1	DWG NO. 801-024-1	REV. R2
SIZE A4		DATE 2026-03-02	