

ProCOMP PARTS CATALOG – YOUR SOURCE
Telephone (888)388-4321 Fax (732)786-9511
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Plymouth Tube Xtra-Smooth

Extremely high quality clean and smooth cold drawn seamless or welded stainless steel tubing is essential for critical applications. Plymouth Tube's BA, bright annealed, high quality tubing offers excellent internal cleanliness and smooth surface texture to aid in contamination control. It offers excellent dimensional control for precision applications. This tubing is also suitable for additional operations such as electropolishing and passivation in a clean room environment for high purity applications.



- Smooth internal surface
- Cold drawn for precision dimensions and enhanced metallurgical properties
- Bright annealed through entire process to enhance the chromium oxide layer
- "Thermocouple Clean" available for internal cleanliness
- Nitrogen purge and cap available to ensure cleanliness

Dimensions and Internal Surface R_a

Small diameter tubing is available in a range of standard and custom sizes from 1/4 to 1 inch outside diameter and walls from 0.035 to 0.065 inch. R_a is the standardized, universally accepted symbol for the arithmetic average roughness height parameter used to specify a surface texture. Plymouth Tube's advanced precision tube manufacturing techniques yield excellent internal surface condition for the most demanding applications.

NOMINAL DIMENSIONS - STANDARD

Outside Diameter		Wall	
inch	mm	inch	mm
+ 0.004 - 0.000	+ 0.10 - 0.00	± 8%	± 8%
0.250	6.35	0.035	0.89
0.375	9.53	0.035	0.89
0.500	12.70	0.049	1.24
0.750	19.05	0.065	1.65
1.000	25.40	0.065	1.65

INTERNAL SURFACE R_a

ITEM	Xtra-Smooth BA
Internal Surface * : R _a Typical, μ inch μm	8 or less 0.20 or less

* For Outside Diameter:
1/4 to 1 inch (6.35 to 25.4 mm)

- STANDARD LENGTHS: Up to 20 feet (6.1 m) - Other lengths are available.
- SPECIFICATIONS: ASTM A213, A269, A270, A511, A554 and military and aircraft specifications are also available
- GRADES: TP316/316L dual certified, TP304/304L dual certified and TP321.
- Other dimensions, specifications, grades and special chemistries are also available. Please contact Plymouth Tube with your specific requirements.

600 Park Ave., Manalapan, NJ 07726

- 79 -

YOUR ONE STOP SOURCE FOR ALL YOUR HIGH PURITY FLOW COMPONENT NEEDS