

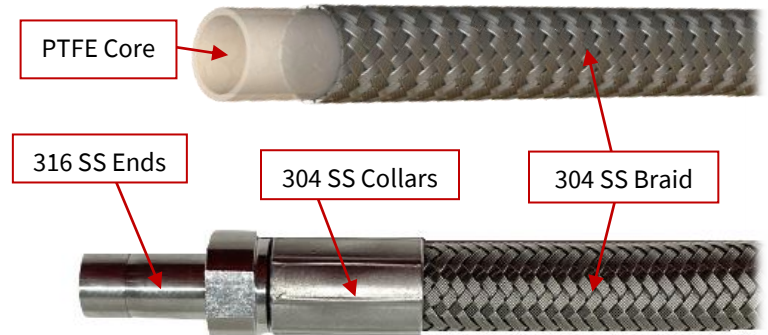


TUBE ADAPTER HOSES

- Ⓚ Common hose sizes and lengths proactively stocked
- Ⓚ Chemical resistant & non-absorbant PTFE core tube
- Ⓚ Suitable for a wide variety of applications & industries
- Ⓚ 316 SS end connections, 304 SS outer braid reinforcement
- Ⓚ Easily converted to any end connection type & size
- Ⓚ Tube adapter ends simplify installation & reduce hose stress
- Ⓚ Utilize with shaped tube fittings to optimize routing

Materials of Construction

| | |
|-----------------|--------------------------------------|
| Core Tube | <i>Polytetrafluorethylene (PTFE)</i> |
| End Connections | 304 Stainless Steel |
| Collars | 316 Stainless Steel |
| Braided Cover | 304 Stainless Steel |



Technical Info

| Hose Size in | Bend Radius | | Hose ID in (mm) | Hose OD in (mm) | Temp Rating | Pressure rating at 70°F (23°C) | | Bulk Hose Weight lb/ft (kg/m) |
|--------------|----------------|-----------------|-----------------|-----------------|---------------------------------|--------------------------------|---------------------|-------------------------------|
| | Static in (cm) | Dynamic in (cm) | | | | Max WP psi (bar) | Min Burst psi (bar) | |
| 1/4 | 1.5 (3.8) | 2.1 (5.4) | .25 (6.2) | 0.41 (10.4) | -65 to 450 °F (-53 to 232°C) | 3,200 (220) | 12,800 (882) | 0.1 (.15) |
| 3/8 | 2.0 (5.1) | 2.9 (7.4) | .375 (9.5) | 0.53 (13.5) | | 2,500 (172) | 10,000 (689) | 0.12 (.18) |
| 1/2 | 3.0 (7.6) | 4.27 (10.9) | .50 (12.7) | 0.67 (17) | | 2,000 (138) | 8,000 (551) | 0.16 (.24) |

Industry Approvals

| |
|------------------------|
| USP Class VI |
| FDA 21 CFR 177.1550 |
| USDA |
| NSF 51 |
| 3-A Sanitary Standards |

Testing & Packaging

- Every hose is hydrostatically tested to 1000 psig at 70°F (69 bar at 23°C)
- All hoses are individually bagged with end connections protected



TUBE ADAPTER HOSES

Ordering Info

| Hose ID | Nominal Length | PART NUMBER | Tube Adapter OD | | Tube Adapter ID | | Live Length | | Overall Length | |
|---------|----------------|------------------|-----------------|------|-----------------|------|-------------|-------|----------------|-------|
| | | | in | cm | in | cm | in | cm | in | cm |
| 1/4 | 1 ft | 316-1/4BTA-1FT | .25 | .64 | .17 | .43 | 8.7 | 22.1 | 12 | 30.5 |
| | 1-1/2 ft | 316-1/4BTA-1.5FT | .25 | .64 | .17 | .43 | 14.7 | 37.3 | 18 | 45.7 |
| | 2ft | 316-1/4BTA-2FT | .25 | .64 | .17 | .43 | 20.7 | 52.6 | 24 | 61.0 |
| | 3ft | 316-1/4BTA-3FT | .25 | .64 | .17 | .43 | 32.7 | 83.1 | 36 | 91.4 |
| | 4ft | 316-1/4BTA-4FT | .25 | .64 | .17 | .43 | 44.7 | 113.5 | 48 | 121.9 |
| | 5ft | 316-1/4BTA-5FT | .25 | .64 | .17 | .43 | 56.7 | 144.0 | 60 | 152.4 |
| | 6ft | 316-1/4BTA-6FT | .25 | .64 | .17 | .43 | 68.7 | 174.5 | 72 | 182.9 |
| | 10 ft | 316-1/4BTA-10FT | .25 | .64 | .17 | .43 | 116.7 | 296.4 | 120 | 304.8 |
| 3/8 | 1 ft | 316-3/8BTA-1FT | .375 | .95 | .28 | 0.71 | 8.25 | 21.0 | 12 | 30.5 |
| | 1-1/2 ft | 316-3/8BTA-1.5FT | .375 | .95 | .28 | 0.71 | 14.7 | 37.3 | 18 | 45.7 |
| | 2ft | 316-3/8BTA-2FT | .375 | .95 | .28 | 0.71 | 20.25 | 51.4 | 24 | 61.0 |
| | 3ft | 316-3/8BTA-3FT | .375 | .95 | .28 | 0.71 | 32.25 | 81.9 | 36 | 91.4 |
| | 4ft | 316-3/8BTA-4FT | .375 | .95 | .28 | 0.71 | 44.25 | 112.4 | 48 | 121.9 |
| | 5ft | 316-3/8BTA-5FT | .375 | .95 | .28 | 0.71 | 56.25 | 142.9 | 60 | 152.4 |
| | 6ft | 316-3/8BTA-6FT | .375 | .95 | .28 | 0.71 | 68.25 | 173.4 | 72 | 182.9 |
| | 10 ft | 316-3/8BTA-10FT | .375 | .95 | .28 | 0.71 | 116.25 | 295.3 | 120 | 304.8 |
| 1/2 | 1 ft | 316-1/2BTA-1FT | .50 | 1.27 | .375 | .95 | 7.2 | 18.3 | 12 | 30.5 |
| | 1-1/2 ft | 316-1/2BTA-1.5FT | .50 | 1.27 | .375 | .95 | 14.7 | 37.3 | 18 | 45.7 |
| | 2ft | 316-1/2BTA-2FT | .50 | 1.27 | .375 | .95 | 19.2 | 48.8 | 24 | 61.0 |
| | 3ft | 316-1/2BTA-3FT | .50 | 1.27 | .375 | .95 | 31.2 | 79.2 | 36 | 91.4 |
| | 4ft | 316-1/2BTA-4FT | .50 | 1.27 | .375 | .95 | 43.2 | 109.7 | 48 | 121.9 |
| | 5ft | 316-1/2BTA-5FT | .50 | 1.27 | .375 | .95 | 55.2 | 140.2 | 60 | 152.4 |
| | 6ft | 316-1/2BTA-6FT | .50 | 1.27 | .375 | .95 | 67.2 | 170.7 | 72 | 182.9 |
| | 10 ft | 316-1/2BTA-10FT | .50 | 1.27 | .375 | .95 | 115.2 | 292.6 | 120 | 304.8 |



Additional Options

- Hoses are also available in custom sizes, various end connections
- Silicone cover, custom tagging, spiral guard, armor guard, fire sleeve
- Optional convoluted core tube for enhanced flexibility
- ASTM G93 & CGA 4.1 special cleaning for high purity service
- Quick connects, isolation valves, ceiling panel bulkheads, regulators
- General purpose and high purity plastic tubing also available

