# Silicone transfer tubing

*Silicone transfer tubing*

## Features and benefits

- Safe, reliable and value-based general purpose fluid transfer solution
- Manufactured and packed in an ISO 14644-1 Class 7 cleanroom
- Comprehensive stock of a wide range of sizes
- Validation pack, including extractable profiles and USP <85> Bacterial Endotoxin testing
- Autoclavable to 121 ºC and gamma stable up to 50 kGY



## Technical specifications

| | Silicone transfer tubing |
|---|---|
| Bore size | 3.2 - 25.4 mm (0.125 - 1 in) |
| External diameter | 6.4 - 38.1 mm (0.25 - 1.5 in) |
| Length | 7.6 - 30 m (25 - 100 ft) |
| Transparency | Translucent |
| Certification and compliance | ADCF, ISO 10993, ISO Class 7, Ph. Eur. 3.1.9, TOC, USP Class VI |
| Hardness, shore A (5sec) | 50 |
| Specific gravity | 1.14 g/cm³ |
| UV resistance | High |
| Burst pressure | 1.9 - 8.3 bar (27 - 120 psi) |
| Max. operating pressure | 2.8 bar (40 psi) |
| Elongation at break | 400 % |
| Shelf life | 5 years |
| Gamma stability | 25 kGy to 50 kGy |
| Autoclave stability | 121 °C 30 minutes |

ASTM methods Hardness: ASTM D 2240; Specific gravity: ASTM D 792; Tear B, Ultimate tensile strength,; Elongation at break, Tensile stress at 100% elongation; ASTM D 412
Max operating pressure is dependent on tube size

## Materials of construction

| | Silicone transfer tubing |
|---|---|
| Material | Platinum-cured silicone |

## Product codes

| I.D. | O.D. | Coil size | | |
|---|---|---|---|---|
| mm (inch) | mm (inch) | 30 m (100 ft) | 15 m (50 ft) | 7.6 m (25 ft) |
| 3.2 (0.125) | 6.4 (0.250) | BPS-0125-0250-100 | BPS-0125-0250-50 | – |
| 3.2 (0.125) | 8.0 (0.312) | BPS-0125-0312-100 | BPS-0125-0312-50 | – |
| 3.2 (0.125) | 9.6 (0.375) | BPS-0125-0375-100 | BPS-0125-0375-50 | – |
| 4.8 (0.187) | 8.0 (0.312) | BPS-0187-0312-100 | BPS-0187-0312-50 | – |
| 4.8 (0.187) | 9.6 (0.375) | BPS-0187-0375-100 | BPS-0187-0375-50 | – |
| 4.8 (0.187) | 11.2 (0.437) | BPS-0187-0437-100 | BPS-0187-0437-50 | – |
| 6.4 (0.250) | 9.6 (0.375) | BPS-0250-0375-100 | BPS-0250-0375-50 | – |
| 6.4 (0.250) | 11.2 (0.437) | BPS-0250-0437-100 | BPS-0250-0437-50 | – |
| 6.4 (0.250) | 12.7 (0.500) | BPS-0250-0500-100 | BPS-0250-0500-50 | – |
| 8.0 (0.312) | 11.2 (0.437) | BPS-0312-0437-100 | BPS-0312-0437-50 | – |
| 8.0 (0.312) | 12.7 (0.500) | BPS-0312-0500-100 | BPS-0312-0500-50 | – |
| 8.0 (0.312) | 14.3 (0.562) | BPS-0312-0562-100 | BPS-0312-0562-50 | – |
| 9.6 (0.375) | 12.7 (0.500) | BPS-0375-0500-100 | BPS-0375-0500-50 | – |
| 9.6 (0.375) | 14.3 (0.562) | BPS-0375-0562-100 | BPS-0375-0562-50 | – |
| 9.6 (0.375) | 15.9 (0.625) | BPS-0375-0625-100 | BPS-0375-0625-50 | – |
| 12.7 (0.500) | 15.9 (0.625) | – | BPS-0500-0625-50 | BPS-0500-0625-25 |
| 12.7 (0.500) | 17.5 (0.687) | – | BPS-0500-0687-50 | BPS-0500-0687-25 |
| 12.7 (0.500) | 19.0 (0.750) | – | BPS-0500-0750-50 | BPS-0500-0750-25 |
| 15.9 (0.625) | 22.2 (0.875) | – | BPS-0625-0875-50 | BPS-0625-0875-25 |
| 15.9 (0.625) | 25.4 (1.000) | – | BPS-0625-1000-50 | BPS-0625-1000-25 |
| 19.0 (0.750) | 25.4 (1.000) | – | BPS-0750-1000-50 | BPS-0750-1000-25 |
| 19.0 (0.750) | 28.6 (1.125) | – | BPS-0750-1125-50 | BPS-0750-1125-25 |
| 25.4 (1.000) | 31.2 (1.250) | – | BPS-1000-1250-50 | BPS-1000-1250-25 |
| 25.4 (1.000) | 34.9 (1.375) | – | BPS-1000-1375-50 | BPS-1000-1375-25 |
| 25.4 (1.000) | 38.1 (1.500) | – | BPS-1000-1500-50 | BPS-1000-1500-25 |

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