



A BioPulse Brand

BIOSIL®

PLATINUM CURED SILICONE TUBING



CERTIFIED QUALITY

DESIGNED FOR BIOPHARMA

Designed to meet a wide range of performance requirements, INDBio® BIOSIL® Tubing is specifically designed to meet demanding fluid transfer processes and pumping applications. Formulated for use with sensitive media in pharmaceutical and biopharma processing. Our manufacturing and quality process ensures all our tubing have material certification, documentation along with lot-to-lot traceability. The Typical hardness is 50 Shore A

Cleanroom manufactured

- ISO Class 7 cleanroom manufactured, under stringent quality control guidelines.
- Gamma Irradiation Range: 25 – 40 kGy
- Shelf Life: 5 years (Tubing stored at ambient temperatures instead of direct sunlight), 3 year shelf life if gamma irradiated.
- We also have custom molding capabilities for your unique applications
- Operating temperature range -100 °F (-73.3 °C) to 400 °F (204.4 °C)

Features

- Performance Excellence in high purity fluid transfer and pump applications
- Creates versatility in your processing capabilities with cut-length tubing solutions
- Excellent flexibility delivers not only tube resilience but also adaptability

Physical Properties

Test Criteria	Test Method	Specifications
Hardness	ASTM D 2240	50 Shore A
Tensile Strength (min)	ASTMD 412	95.2 Kg/cm2
Temperature Range	-	- 60 °C to 220 °C
Specific Gravity	-	1.2 g/cm³

Certifications

- FDA 21 CFR 177.2600
- European Pharmacopeia 3.1.9
- USP Class VI
- German food grade Bfr XV
- Biological Standard ISO 10993
- Biological reactivity test, In Vitro USP Class 87
- Biological reactivity test, In Vivo USP Class 88



*The preceding Physical Properties data gives the typical properties of the Silicone material. It is intended to be used as a guide at your discretion and risk.

Typical Applications

Peristaltic Pumping | Fill and Finish | Sterile fluid transfer | Sampling systems | Bioreactor | Single-Use Assemblies | Biopharmaceutical Manufacturing

Ordering Information

Pack size 50 feet

SKU	SIZE ID x OD
BP901018-101	0.5mm X 3.7mm
BP901018-102	0.8mm X 5.6mm
BP901018-103	0.8mm X 4mm
BP901018-104	1mm X 3mm
BP901018-105	1.2mm X 4.4mm
BP901018-106	1.5mm X 3mm
BP901018-107	1.6mm X 3.2mm
BP901018-108	1.6mm X 4.8mm
BP901018-109	1.6mm X 6.4mm
BP901018-110	2mm X 4mm
BP901018-111	2mm X 5.5mm
BP901018-112	2.4mm X 4mm
BP901018-113	2.4mm X 5.6mm
BP901018-114	2.4mm X 7.1mm
BP901018-115	3mm X 5.5mm
BP901018-116	3mm X 5mm
BP901018-117	3mm X 6mm
BP901018-118	3mm X 7mm
BP901018-119	3.1mm X 6.3mm
BP901018-120	3.2mm X 11.1mm
BP901018-121	3.2mm X 12.7mm
BP901018-122	3.2mm X 6.4mm
BP901018-123	3.2mm X 6.8mm
BP901018-124	3.2mm X 7.9mm
BP901018-125	3.2mm X 8mm
BP901018-126	4mm X 7.1mm
BP901018-127	4mm X 8.7mm
BP901018-128	4mm X 10.3mm
BP901018-129	4mm X 10mm
BP901018-130	4mm X 6mm
BP901018-131	4mm X 7mm
BP901018-132	4mm X 8mm
BP901018-133	4.8mm X 11.2mm
BP901018-134	4.8mm X 7.9mm
BP901018-135	4.8mm X 8.8mm
BP901018-136	4.8mm X 8mm
BP901018-137	4.8mm X 9.5mm
BP901018-138	5mm X 10mm

SKU	SIZE ID x OD
BP901018-139	5mm X 11mm
BP901018-140	5mm X 8mm
BP901018-141	5mm X 9mm
BP901018-142	6mm X 10.2mm
BP901018-143	6mm X 10mm
BP901018-144	6mm X 11mm
BP901018-145	6mm X 12mm
BP901018-146	6mm X 8mm
BP901018-147	6mm X 9.5mm
BP901018-148	6mm X 9mm
BP901018-149	6.4mm X 12.7mm
BP901018-150	6.4mm X 7.9mm
BP901018-150	6.4mm X 7.9mm
BP901018-151	6.4mm X 11.1mm
BP901018-152	6.4mm X 11.2mm
BP901018-153	6.4mm X 12.8mm
BP901018-154	6.4mm X 9.5mm
BP901018-155	7mm X 10mm
BP901018-156	7mm X 12mm
BP901018-157	7.9mm X 11.1mm
BP901018-158	7.9mm X 12.7mm
BP901018-159	7.9mm X 14.3mm
BP901018-160	7.9mm X 17.5mm
BP901018-161	7.9mm X 9.5mm
BP901018-162	8mm X 12.7mm
BP901018-163	8mm X 17.5mm
BP901018-164	8mm X 11.2mm
BP901018-165	8mm X 12.4mm
BP901018-166	8mm X 12.8mm
BP901018-167	8mm X 12mm
BP901018-168	8mm X 14mm
BP901018-169	8mm X 16mm
BP901018-170	9mm X 15mm
BP901018-171	9mm X 21mm
BP901018-172	9.5mm X 19.1mm
BP901018-173	9.5mm X 22.2mm
BP901018-174	9.5mm X 12.7mm
BP901018-175	9.5mm X 14.3mm

SKU	SIZE ID x OD
BP901018-176	9.5mm X 15.9mm
BP901018-177	9.6mm X 14.4mm
BP901018-178	9.6mm X 16mm
BP901018-179	9.6mm X 19.2mm
BP901018-180	9.7mm X 14.5mm
BP901018-181	10mm X 14mm
BP901018-182	10mm X 15mm
BP901018-183	10mm X 16mm
BP901018-184	10mm X 18mm
BP901018-185	11.1mm X 14.3mm
BP901018-186	12mm X 17mm
BP901018-187	12mm X 18mm
BP901018-188	12mm X 20mm
BP901018-189	12.7mm X 15.9mm
BP901018-190	12.7mm X 17.5mm
BP901018-191	12.7mm X 19.1mm
BP901018-192	12.7mm X 22.2mm
BP901018-193	12.7mm X 25.4mm
BP901018-194	15.9mm X 19.1mm
BP901018-195	15.9mm X 22.2mm
BP901018-196	15.9mm X 25.4mm
BP901018-197	15.9mm X 20.6mm
BP901018-198	16mm X 22mm
BP901018-199	16mm X 24mm
BP901018-200	19mm X 28.6mm
BP901018-201	19mm X 31.8mm
BP901018-202	19.1mm X 28.6mm
BP901018-203	19.1mm X 31.8mm
BP901018-204	19.1mm X 25.4mm
BP901018-205	19.5mm X 25.5mm
BP901018-206	22.2mm X 31.8mm
BP901018-207	25.4mm X 34.9mm
BP901018-208	25.4mm X 38.1mm
BP901018-209	10mm X 20mm
BP901018-210	4.8mm X 6.4mm
BP901018-211	4mm X 5.6mm
BP901018-212	3.2mm X 4.8mm
BP901018-213	4.8mm X 14mm

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