

# Thermo Scientific Nalgene Pharma-Grade Platinum-Cured Silicone Tubing

Thermo Scientific™ Nalgene™ Pharma-Grade Platinum-Cured Silicone Tubing is flexible, durable and translucent. This high-purity tubing is designed for a variety of pumps and transfer applications, including pharmaceutical, laboratory and bioprocess manufacturing.



## Flexible and reliable

Excellent elastic memory and resiliency coupled with low hysteresis and compression set ensure that fluid transfers are reliable and accurate every time.

To fit in a wide range of applications, the new Nalgene Pharma-Grade Platinum-Cured Silicone Tubing can be sterilized by most methods including autoclave, gamma-irradiation and EtO.

The tubing material meets various ISO and USP standards for biocompatibility\*. Because of its low-binding surface and that it is free of phthalate plasticizer and peroxide, the tubing's potential for leachables, extractables or any chemical interaction with the processed fluid is highly reduced.

\* The following tests were performed on final extruded product: USP<87>, USP<88>, ISO10993-3, and ISO 10993-4.

Adding its non-cytotoxic and non-hemolytic characteristics makes it a safe solution for an eclectic range of applications.

## High quality for demanding applications

Manufactured, double-bagged, and sealed in an ISO Class 7 clean room. Meets EP 3.1.9 silicone elastomer for closures and tubing and USP <661> Physiochemical tests. A validation binder is available with test reports on final extruded product that was irradiated and autoclaved to mimic real-use conditions.

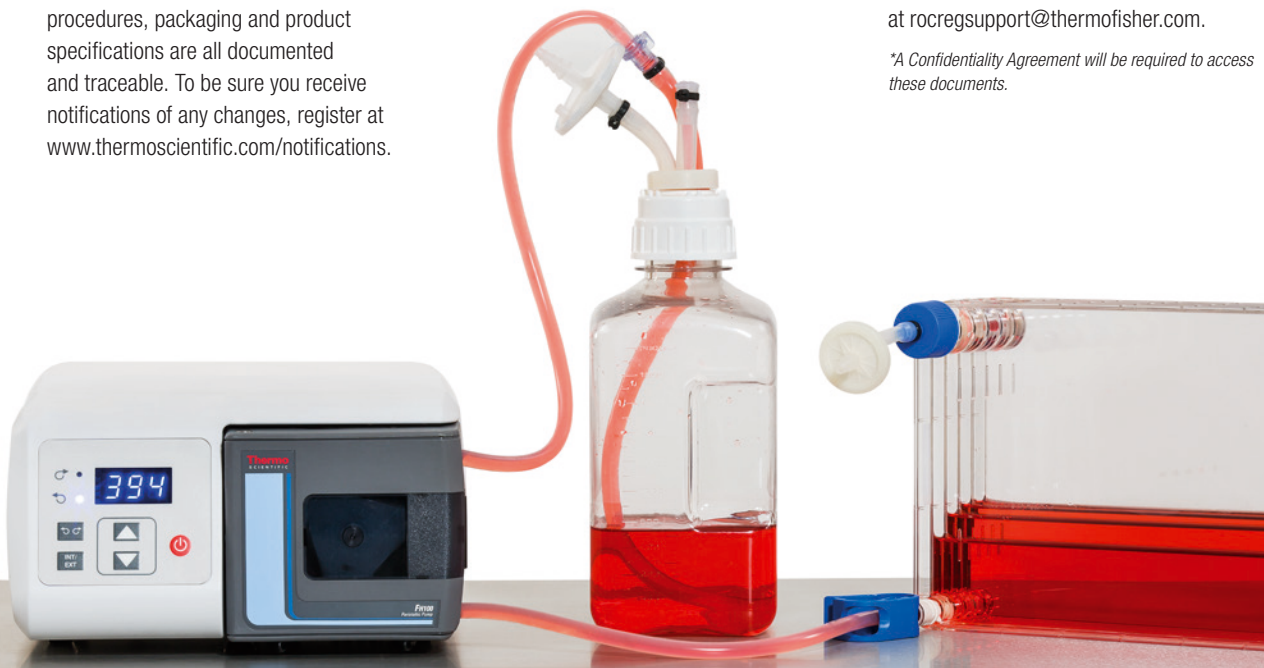
## Services and Support

**Change notifications:** Compliance with ISO 13485:2003 and cGMP requirements mean that changes to manufacturing procedures, packaging and product specifications are all documented and traceable. To be sure you receive notifications of any changes, register at [www.thermoscientific.com/notifications](http://www.thermoscientific.com/notifications).

**Certificates:** Certificates of Compliance (CoC) can be requested at [www.thermoscientific.com/certificates](http://www.thermoscientific.com/certificates).

**Validation support:** Detailed validation binders\* are also available to help meet necessary regulatory needs by contacting us at [rocregsupport@thermofisher.com](mailto:rocregsupport@thermofisher.com).

\*A Confidentiality Agreement will be required to access these documents.



## Specifications

Cat. No.	Description	ID x OD x Wall, in. (mm)	Critical dimensions				Concentricity TIR Max. (in.)	Working PSI	Tubing length ft. (m)
			ID	TOL	WALL	TOL			
8600-0020	Silicone tubing	1/16 x 1/8 x 1/32 (1.59 x 3.18 x 0.79)	0.062 +/- 0.005	0.032 +/- 0.002	0.002	18	50 (15.2)		
8600-0030	Silicone tubing	1/8 x 1/4 x 1/16 (3.18 x 6.35 x 1.59)	0.125 +/- 0.005	0.062 +/- 0.005	0.005	18	50 (15.2)		
8600-0040	Silicone tubing	3/16 x 5/16 x 1/16 (4.76 x 7.94 x 1.59)	0.188 +/- 0.005	0.062 +/- 0.005	0.005	14	50 (15.2)		
8600-0050	Silicone tubing	3/16 x 3/8 x 3/32 (4.76 x 9.53 x 2.38)	0.188 +/- 0.005	0.094 +/- 0.003	0.003	18	50 (15.2)		
8600-0060	Silicone tubing	1/4 x 3/8 x 1/16 (6.35 x 9.53 x 1.59)	0.250 +/- 0.010	0.062 +/- 0.003	0.003	12	50 (15.2)		
8600-0070	Silicone tubing	1/4 x 7/16 x 3/32 (6.35 x 11.11 x 2.38)	0.250 +/- 0.010	0.094 +/- 0.003	0.003	15	50 (15.2)		
8600-0080	Silicone tubing	1/4 x 1/2 x 1/8 (6.35 x 12.7 x 3.18)	0.250 +/- 0.010	0.125 +/- 0.005	0.005	18	50 (15.2)		
8600-0100	Silicone tubing	5/16 x 1/2 x 3/32 (7.94 x 12.7 x 2.38)	0.312 +/- 0.010	0.094 +/- 0.003	0.003	13	50 (15.2)		
8600-0120	Silicone tubing	3/8 x 1/2 x 1/16 (9.53 x 12.7 x 1.59)	0.375 +/- 0.015	0.062 +/- 0.002	0.002	9	50 (15.2)		
8600-0130	Silicone tubing	3/8 x 9/16 x 3/32 (9.53 x 14.29 x 2.38)	0.375 +/- 0.015	0.094 +/- 0.003	0.003	12	50 (15.2)		
8600-0140	Silicone tubing	3/8 x 5/8 x 1/8 (9.53 x 15.88 x 3.18)	0.375 +/- 0.015	0.125 +/- 0.005	0.005	14	50 (15.2)		
8600-0190	Silicone tubing	1/2 x 1 1/16 x 3/32 (12.7 x 17.46 x 2.38)	0.500 +/- 0.015	0.094 +/- 0.005	0.005	10	50 (15.2)		
8600-0200	Silicone tubing	1/2 x 3/4 x 1/8 (12.7 x 19.05 x 3.18)	0.500 +/- 0.015	0.125 +/- 0.005	0.005	12	50 (15.2)		
8600-0260	Silicone tubing	5/8 x 7/8 x 1/8 (15.88 x 22.23 x 3.18)	0.625 +/- 0.015	0.125 +/- 0.005	0.005	10	50 (15.2)		
8600-0310	Silicone tubing	3/4 x 1 x 1/8 (19.05 x 25.4 x 3.18)	0.750 +/- 0.020	0.125 +/- 0.005	0.005	10	50 (15.2)		
8600-3015	Silicone Pump Tubing; Pump size #15		0.188 +/- 0.008	0.100 +/- 0.005	0.005	11	25 (7.6)		
8600-3016	Silicone Pump Tubing; Pump size #16		0.125 +/- 0.008	0.063 +/- 0.005	0.005	11	25 (7.6)		
8600-3017	Silicone Pump Tubing; Pump size #17		0.250 +/- 0.005	0.063 +/- 0.005	0.005	7	25 (7.6)		
8600-3018	Silicone Pump Tubing; Pump size #18		0.313 +/- 0.005	0.063 +/- 0.005	0.005	6	25 (7.6)		
8600-3024	Silicone Pump Tubing; Pump size #24		0.250 +/- 0.005	0.100 +/- 0.005	0.005	9	25 (7.6)		
8600-3025	Silicone Pump Tubing; Pump size #25		0.188 +/- 0.005	0.063 +/- 0.003	0.003	9	25 (7.6)		
8600-3173	Silicone Pump Tubing; Pump size #73		0.375 +/- 0.015	0.063 +/- 0.010	0.010	8	25 (7.6)		
8600-3182	Silicone Pump Tubing; Pump size #82		0.500 +/- 0.015	0.063 +/- 0.010	0.010	8	25 (7.6)		

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