

Product Name:	Aseptic Connector
Product Application:	The NEST Aseptic Connector series provides a highly advantageous connection solution for single-use bioprocessing systems. Its unique design enables aseptic connections even in non-aseptic environments, greatly enhancing convenience and safety during fluid transfer processes.
Product Material:	Polycarbonate (PC), Medical-grade Silicone Meets ISO 10993
Product Shelf Life:	Temperature Range: Room temperature storage Shelf Life: 5 years from the date of manufacture (provided the packaging remains intact)
Sterilization:	No. Can be sterilized using irradiation (50-55 kGy) or steam sterilization (121°C, 30 min). Irradiation sterilization and high-temperature sterilization are mutually exclusive options, and the combination of the two sterilization methods is not permitted.
BSE/TSE:	These products are deemed animal free.
Performance Testing:	Each manufacturing lot is sampled and tested in accordance with standard operating procedures. Appearance Dimensional Test: qualified Film Fusion Performance Test: qualified Pressure Resistance Test: qualified Temperature Tolerance Test: qualified Insoluble Particulate Test: qualified
Product Features	1. The gender-neutral design improves compatibility, making it easy to integrate into disposable systems. 2. The intuitive three-step connection process (open, dock, pull) is simple and convenient, eliminating the need for clamps, fixtures, or welding machines. 3. Supports irradiation sterilization (50-55 kGy) or autoclaving (121°C, 30 min). 4. The built-in silicone gasket withstands pressure up to 410 kPa at room temperature. 5. Meets biocompatibility requirements of ISO 10993 standards. 6. Undergoes physical tests and is suitable for demanding application environments.

Head Office

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Oversea

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NEST Scientific 株式会社 (Yokohama, Japan)
NEST Scientific Europe B.V (Netherlands)
NEST Scientific (MENA) FZE (Sharjah, United Arab Emirates)

Product Range

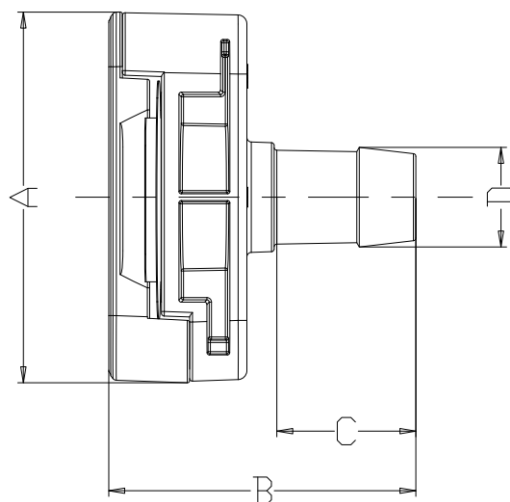
Standard

Cat.No.	Dia.	Plug /Pack	/Pack	/Case
747521	1/4" (6.4 mm)	/	1	10
747531	3/8" (9.5 mm)	/	1	10
747541	1/2" (12.7 mm)	/	1	10
747551	3/4" (19 mm)	/	1	10
747524	1/4" (6.4 mm)	2	1	10
747534	3/8" (9.5 mm)	2	1	10
747544	1/2" (12.7 mm)	2	1	10
747554	3/4" (19 mm)	2	1	10

Mini-type

Cat.No.	Dia.	Plug /Pack	/Pack	/Case
747611	1/8" (3.2 mm)	/	1	10
747621	1/4" (6.4 mm)	/	1	10
747631	3/8" (9.5 mm)	/	1	10
747614	1/8" (3.2 mm)	2	1	10
747624	1/4" (6.4 mm)	2	1	10
747634	3/8" (9.5 mm)	2	1	10

Technical Drawing



Product	Dia.	A /mm	B /mm	C /mm	D /mm
Mini-type	1/8" (3.2 mm)	40.73	29.25	11.04	4.55
	1/4" (6.4 mm)	40.73	33.44	15.23	8.10
	3/8" (9.5 mm)	40.73	33.80	15.60	10.90
Standard	1/4" (6.4 mm)	45.37	36.20	16.30	8.10
	3/8" (9.5 mm)	45.37	37.80	17.75	10.94
	1/2" (12.7 mm)	45.37	41.45	22.25	14.20
	3/4" (19 mm)	45.37	51.80	31.10	20.50

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