

Product Name:	TC Flange Connector Collection	
Product Application:	NEST TC Flange Reducer collection is designed for connecting hoses to auxiliary equipment (such as temperature sensors and liquid level sensors) and for aseptic liquid handling processes (such as filters and culture bags). It is particularly suitable for high-load bioprocesses. The collection is available in two sizes: 3/4" and 3/2". It is compatible with hoses with inner diameters of 1/4", 3/8", 1/2", 3/4", and 1".	
Product Materials:	PP (body) & silicone (gasket) & Fiberglass reinforced nylon(Clamp) Meets USP, Class 6 standards	
product Specifications:	Temperature range: stored at room temperature Shelf life: gasket for 3 years after date of production and the remaining 5 years (ensure package is in good)	
Sterilization:	No	
Pyrogens:	Non-Pyrogenic	
RNase/DNase:	DNase/RNase free	
Insoluble particles	Reference "Chinese Pharmacopoeia", insoluble particle test method, ≤ 25 particles/mL for particles $\geq 10\mu\text{m}$, ≤ 3 particles/mL for particles $\geq 25\mu\text{m}$.	
BSE/TSE/MGO:	No animal-derived or genetically modified ingredients or tissues, no TSE/BSE/GMO risks.	
Performance Testing:	<p>Each manufacturing lot is sampled and tested in accordance with standard operating procedures.</p> <p>Pressure resistance test: qualified Radiation resistance test: qualified Freeze resistance test: qualified Insoluble particulate test: qualified Endotoxin test: qualified Nuclease test: qualified Acid and alkali resistance test: qualified High temperature and high pressure resistance test: qualified</p>	
Features:	<ol style="list-style-type: none"> 1. Meets the biocompatibility requirements of USP 87, USP 88, and ISO 10993 2. Undergoes physical testing and can withstand 410 kPa (30min) without leakage at room temperature 3. Supports E-beam sterilization (max. 50 kGy) or autoclaving (121°C, 20min) 4. Smooth curved surface for uninterrupted liquid flow. 	

Product Range

TC Flange Connector Collection

Cat.NO.	Product	Matching Dia.	Pcs/Bag (Double Bagged)
751211	3/4"TC Flange Connector	1/4"(6.4 mm)	100
750211	3/4"End Cap	/	100
751411	3/2"TC Flange Connector	1/4"(6.4 mm)	100
750231	3/2"End Cap	/	100
751291	gasket	3/4"	100
751491	gasket	3/2"	100

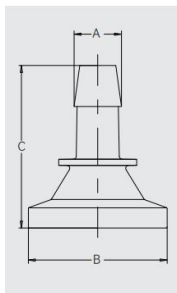
Head Office No. 530, Xida Road, Meicun Industrial Park, Xinwu District, Wuxi, Jiangsu, China
 Tel: +86+ 510-6800 6788 Email: info@nest-wuxi.com
 Online: www.cell-nest.com

Oversea NEST USA (New Jersey/ Phoenix)
 NEST scientific 株式会社 (Yokohama, Japan)
 NEST Scientific Europe B.V (Netherlands)
 Nest Scientific (MENA) FZE (Sharjah, United Arab Emirates)

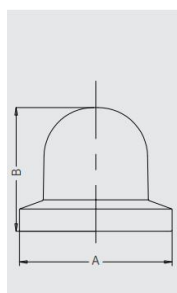
750411	Closure Clamp	1/2"—3/4"	25
750431	Closure Clamp	1"—3/2"	25

Technical Drawing

TC Flange Connector:



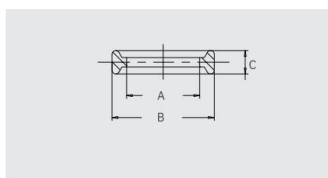
TC Flange Connector



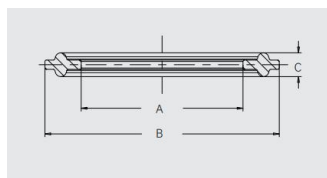
End Cap

Compatibility	Dimension		
	A(mm)	B(mm)	C(mm)
3/4"TC Flange Connector	8.53	25	29.4
3/4"End Cap	25	20.3	/
3/2"TC Flange Connector	8.53	50.4	42.1
3/2"End Cap	50.4	22.43	/

Gasket:



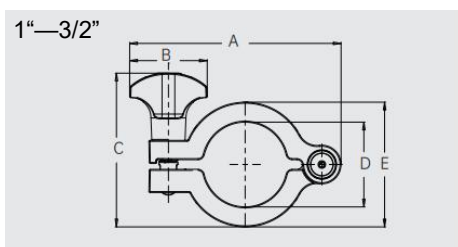
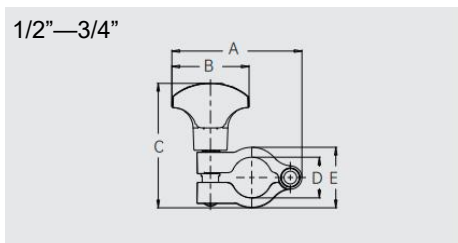
3/4" Gasket



3/2" Gasket

Compatibility	Dimension		
	A(mm)	B(mm)	C(mm)
3/4" Gasket	Φ15.75	Φ22.00	5.00
3/2" Gasket	Φ34.80	Φ50.40	5.10

Closure Clamp:



Compatibility	Dimension				
	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
1/2"—3/4"	67.40	40	64.15	21.00	31.20
1"—3/2"	109	40	78.90	43.50	64.00