Medium Pressure Coned-and-Threaded Nipples

Pressures to 20,000 psi (1379 bar)



For rapid system make-up, Parker Autoclave Engineers supplies pre-cut, coned-and-threaded nipples in various sizes and lengths for Parker Autoclave Engineers medium pressure valves and fittings.

Special lengths

In addition to the standard lengths listed in the table below, nipples are available in any custom length. Consult factory.

Materials**

Catalog numbers in table refer to Type 316 Stainless steel. Optional materials available. Consult factory.

Catalog Number Nipple Length In (mm)							Fits Connection Type	Tube Size inches (mm)		Working Pressure at 100°F psi (bar)*
2.75" **(69.85)**	3.00" **(76.20)**	4.00" **(101.60)**	6.00" **(152.40)**	8.00" **(203.20)**	10.00" **(254.00)**	12.00" **(304.80)**		O.D.	I.D.	
CNX4402-316	CNX4403-316	CNX4404-316	CNX4406-316	CNX4408-316	CNX44010-316	CNX44012-316	SF250CX	1/4 **(6.35)**	0.109 **(2.77)**	20,000 **(1378.93)**
	CNX6603-316	CNX6604-316	CNX6606-316	CNX6608-316	CNX66010-316	CNX66012-316	SF375CX	3/8 **(9.53)**	0.203 **(5.16)**	20,000 **(1378.93)**
		CNX9904-316	CNX9906-316	CNX9908-316	CNX99010-316	CNX99012-316	SF562CX	9/16 **(14.29)**	0.312 **(7.92)**	20,000 **(1378.93)**
		CNLX9904-316	CNLX9906-316	CNLX9908-316	CNLX99010-316	CNLX99012-316	SF562CX	9/16 **(14.29)**	0.359 **(9.12)**	15,000 **(1034.16)**
		CNX1204-316	CNX1206-316	CNX1208-316	CNX12010-316	CNX12012-316	SF750CX	3/4 **(19.05)**	0.438 **(11.13)**	20,000 **(1378.93)**
		CNLX1204-316	CNLX1206-316	CNLX1208-316	CNLX12010-316	CNLX12012-316	SF750CX	3/4 **(19.05)**	0.516 **(13.11)**	15,000 **(1034.16)**
			CNX1606-316	CNX1608-316	CNX16010-316	CNX16012-316	SF1000CX	1 **(25.40)**	0.562 **(14.27)**	20,000 **(1378.93)**
			CNLX1606-316	CNLX1608-316	CNLX16010-316	CNLX16012-316	SF1000CX	1 **(25.40)**	0.688 **(17.48)**	15,000 **(1034.16)**
			CNLX2406-316	CNLX2408-316	CNLX24010-316	CNLX24012-316	SF1500CX	1-1/2 **(38.10)**	0.937 **(23.79)**	15,000 **(1034.16)**

Note: Caution should be exercised when selecting medium pressure nipples since two series are available: 15,000 psi (1034.16 bar) and 20,000 psi (1379 bar)

See medium pressure tubing section for pressures at various temperatures.

*Maximum pressure rating is based on the lowest rating of any component.
Actual working pressure may be determined by tubing pressure rating, if lower.
**Type 304 Stainless Steel nipples available.

All dimensions for reference only and subject to change.

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Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark