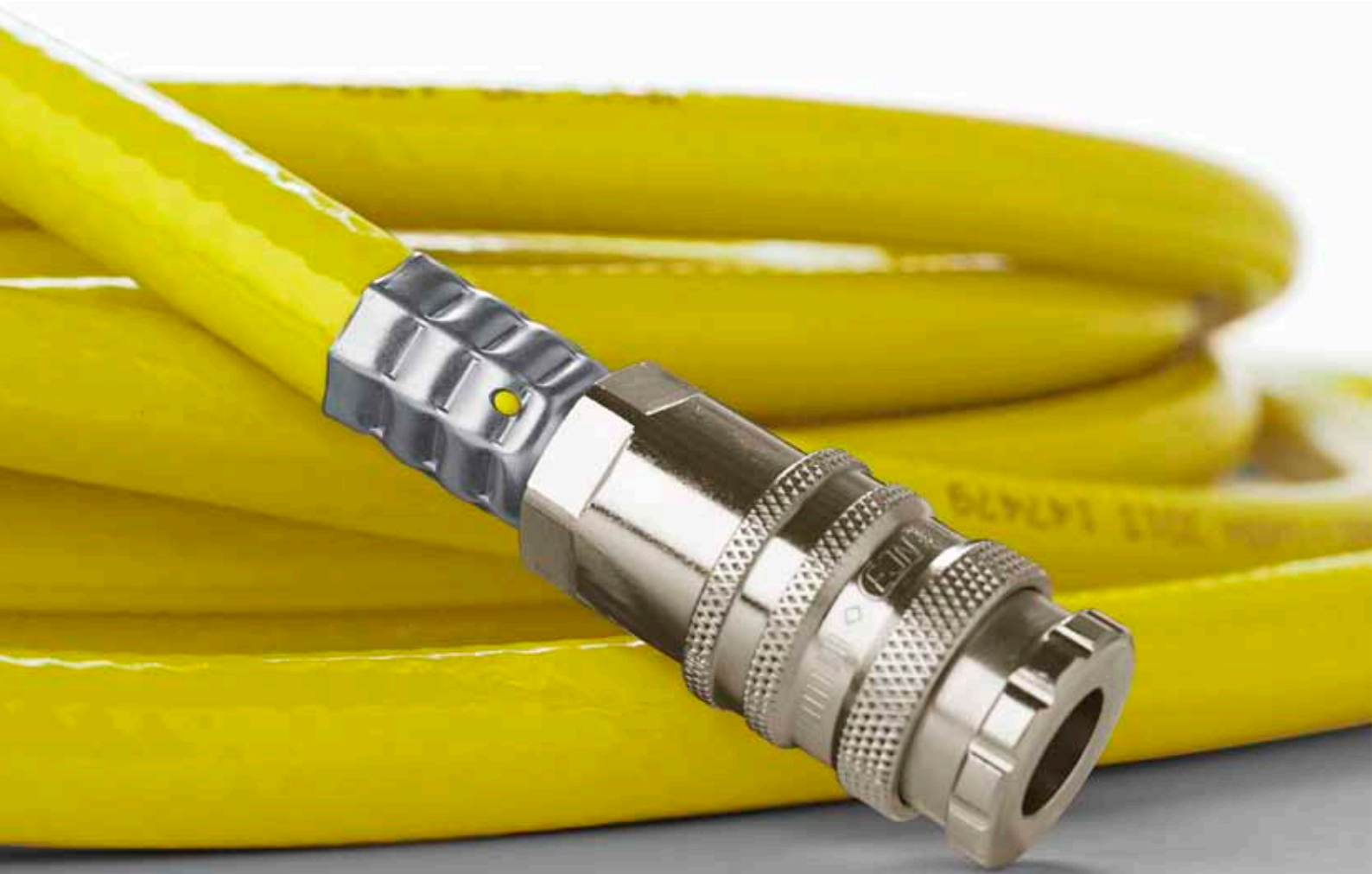




Breathing Air Hoses

– When lives depend on the choices you make





A small inspection hole in the ferrule to make sure your hose is still in safe working order.

CEJN meets & exceeds the standard

At CEJN we produce top of the line products because we know that lives depend on the choices we make. Our hose kits come as standard with a stainless steel ferrule, our standard safety locking feature on the coupling and the highest flow on the market. All independent testing states the same fact - with CEJN's breathing air hose kits, you receive a safe and reliable hose kit with top class quality and performance.

To give you, our customer, peace of mind and to guarantee correct assembly, a small inspection hole has been incorporated in the ferrule. During the quality control we can easily check and make sure that the hose, during the crimping process, was properly installed. You can, at any time, e.g. if your hose kit has been subjected to heavy loads, glance at the inspection hole to make sure your hose is still in safe working order. This is taking safety to the next level.

Hose kits to fit your needs

As every customer is unique to us at CEJN, each breathing air hose kit is assembled to your specifications. We offer three different kinds of hoses, each of which is suitable for different application areas. Choose the hose that fulfils your requirements and we'll cut it to your preferred length and, depending on your specifications, assemble our high-performance, quick-connection coupling and nipple.

Before your order leaves our hose kit assembly centre, it is put through several tests to ensure proper assembly and premium performance. Find below our three different hoses: spiral hose for light duty, and for heavy duty we offer rubber and PVC hoses.

To fit your needs!
Three different kinds of hoses suitable for different application areas!



	Spiral PUR Hose	Straight PVC Hose	Straight Nitrile Rubber Hose
Max. working pressure	10 bar (145 PSI)	24 bar (348 PSI)	15 bar (217 PSI)
Min. burst pressure	25 bar (362 PSI*)	96 bar (1392 PSI*)	60 bar (870 PSI*)
Temperature range	-20°C – +60°C (-4°F – +140°F)	-15°C – +60°C (5°F – +140°F)	-40°C – +60°C (-40°F – +140°F)
Hose material	Ester-based polyurethane, Non-Braided	Medical grade PVC inner, Polyester reinforced	Nitrile rubber (NBR) with NBR/PVC cover
ID x OD (MM)	6,5 x 10; 8 x 12	10 x 17; 8 x 14,4	9,5 x 19,5
Features	<p>Spiral hose kit comes fixed length and ready for immediate use with Series 342 couplings and nipples with CEJN's reusable Stream-Line connection</p> <ul style="list-style-type: none"> Resistance to sparks from welding and grinding Color green Light and flexible with very good rebound qualities Excellent resistance to oils, solvents and other non-aqueous solutions Long service life Other series couplings/nipples upon request 	<p>CEJN Hose Kits in custom made lengths and with CEJN Series 341, 342, 344, 345 or 346 couplings and nipples.</p> <ul style="list-style-type: none"> Custom made lengths Stainless steel ferrule Color yellow Lightweight Cost effective Easy handling due to its good flexibility Cadmium & silicone free Resistant to acids, alkali and most inorganic chemicals 	<p>CEJN Hose Kits in custom made lengths and with CEJN Series 341, 342, 344, 345 or 346 couplings and nipples.</p> <ul style="list-style-type: none"> Custom made lengths Stainless steel ferrule Color black with green stripe Marked with H (heat resistant), S (anti-static) and F (flam resistant) according to valid standards Good flexibility in low temperatures Antistatic, Conductive tube and cover, 10³ Ω/m < R < 10⁸ Ω/m Excellent chemical resistance Abrasive resistant Long service life
	Fulfills requirements acc. EN 14593 1/2:2005 and EN 14594:2005 : Light duty (class A)	Fulfills requirements acc. EN 14593 1/2:2005 and EN 14594:2005 : Heavy duty (class B), AS/NZS 1716:2012, AS/NZS 2299.1:2007	Fulfills requirements acc. EN 14593 1/2:2005 and EN 14594:2005 : Heavy duty (class B), AS/NZS 1716:2012
	*) Valid for working temperature at +20°C	*) Valid for working temperature at +20°C	*) Valid for working temperature at +20°C



Spiral Non-Braided Hose

Anti-Spark Hose for Breathing Air

Designed for breathing air and compressed air applications, CEJN spiral non-braided hose features a green, esterbased PUR construction and anti-spark protection. Its resistance to sparks and scorching makes it suitable for applications near welding equipment. The hose is lighter in weight, easier to handle, and more flexible than ordinary rubber hose. It is offered in a spiral hose version and in hose kits containing couplings and nipples.

Specific sizes of the hose comply with Standard EN14594:2005 for breathing air use, when used with approved breathing air filters and masks. (Contact your local distributor for complete information.)

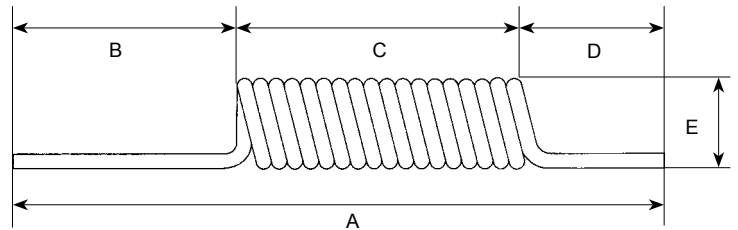
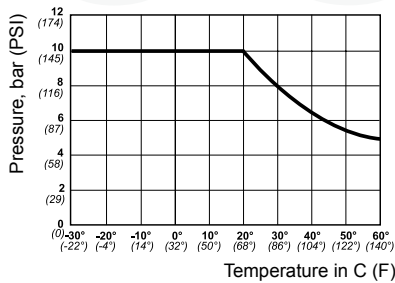
Technical Data

Material: Ester-based polyurethane

Max. working pressure: See table below

Min. burst pressure: Safety factor 1:2.5

Temperature range: -20°C to +60°C (-4°F to +212°F)



	Part No.	Size (mm) ID x OD	Service Length (m)	Total Hose Length (m)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Work. Pressure bar/PSI at 20°C
Spiral Hose	19 958 4020	6.5 x 10.0	2.0	2.5	740	500	140	100	52	10 / 145
	19 958 4040	6.5 x 10.0	4.0	5.0	930	500	330	100	52	10 / 145
	19 958 4060	6.5 x 10.0	6.0	7.5	1120	500	520	100	52	10 / 145
	19 958 4080	6.5 x 10.0	8.0	10.0	1310	500	710	100	52	10 / 145
	19 958 4220	8.0 x 12.0	2.0	2.5	740	500	140	100	65	10 / 145
	19 958 4240	8.0 x 12.0	4.0	5.0	920	500	320	100	65	10 / 145
	19 958 4260	8.0 x 12.0	6.0	7.5	1100	500	500	100	65	10 / 145
	19 958 4280	8.0 x 12.0	8.0	10.0	1280	500	680	100	65	10 / 145

	Hose ID x OD. Dim. mm	Male thread	R thread, without swivel	NPT thread, without swivel
Adapters	6.5 x 10.0	1/4"	19 958 1012	19 958 1042
	8.0 x 12.0	1/4"	19 958 1212	19 958 1242
	8.0 x 12.0	3/8"	19 958 1214	19 958 1244

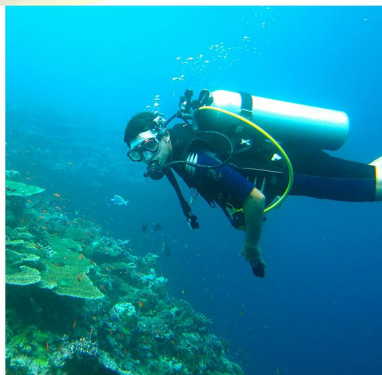
	Part No.	Size (mm) ID x OD	Series Coupling/Nipple	Service Length (m)	Total Hose Length (m)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Work. Pressure bar/PSI at 20°C
Hose Kits	19 958 9500	6.5 x 10.0	342	2.0	2.5	740	500	140	100	52	10 / 145
	19 958 9501	6.5 x 10.0	342	4.0	5.0	930	500	330	100	52	10 / 145
	19 958 9502	6.5 x 10.0	342	6.0	7.5	1120	500	520	100	52	10 / 145
	19 958 9503	6.5 x 10.0	342	8.0	10.0	1310	500	710	100	52	10 / 145
	19 958 9504	8.0 x 12.0	342	2.0	2.5	740	500	140	100	65	10 / 145
	19 958 9505	8.0 x 12.0	342	4.0	5.0	920	500	320	100	65	10 / 145
	19 958 9506	8.0 x 12.0	342	6.0	7.5	1100	500	500	100	65	10 / 145
	19 958 9507	8.0 x 12.0	342	8.0	10.0	1280	500	680	100	65	10 / 145

Thread connections are listed according to ISO Standards. See Page 20 for additional information. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices.



Breathing Air Hose Reels

- When lives depend on the choices you make



www.cejn.com.au

Air-Mech Limited

0800 247 6324

www.air-mech.co.nz



CEJN MEETS & EXCEEDS THE STANDARD

At CEJN Australia we produce top of the line products because we know that lives depend on the choices we make. Our hose kits come standard with a stainless-steel ferrule with an integrated safety feature on our couplings that guards against unintentional disconnection. CEJN's Breathing Air coupling range also has a special valve design which provides an extremely high rate of airflow for all applications in demanding industrial environments.

All hose assemblies comply with **AS/NZS 1716:2012** and **AS/NZS 2299.1:2015** – with CEJN's breathing air hose kits, you receive a safe and reliable assembly complete with a test certificate and individual hose serial number with top class quality and performance.

To give you, our customer, peace of mind and to guarantee correct assembly, a small inspection hole has been incorporated in the ferrule. Through the quality control process, we can easily check and make sure that the hose, during the crimping process, was properly assembled. You can at any time, e.g. if your hose kit has been subjected to heavy loads, glance at the inspection hole to make sure your hose is still in safe working condition.

This is taking safety to the next level.

Stock Code	Description
BAHR-8-10	BA Hose Reel Kit 8mm x 10mtrs
BAHR-8-17	BA Hose Reel Kit 8mm x 17mtrs
BAHR-10-10	BA Hose Reel Kit 10mm x 10mtrs

Other hose sizes are available upon request, including rubber anti-static hose with stainless-steel connections

Series 341

35 bar (508 PSI) – 1950 l/min (69 CFM)



Series 341 has one-hand-operated connection and an integrated safety feature that guards against unintentional disconnection. Offering an extremely high rate of airflow, it has a grip-friendly locking sleeve and a broad connection range. The series is well suited for air cushion inflation and diving applications.

Technical Data

Material: Nickel-plated brass

Seal material: NBR

Airflow at inlet pressure of 6 bar (87 PSI) and pressure drop 0.5 bar (7 PSI): 1950 l/min (69 CFM)

Max. working pressure: 35 bar (508 PSI)

Min. burst pressure: 140 bar (2030 PSI)

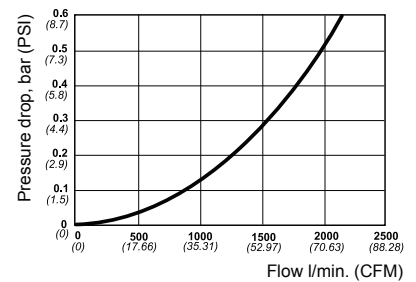
Temperature range: -30°C to +100°C (-22°F to +212°F)

Nominal flow diameter: 7.4 mm (9/32")

Couplings: Compatible with CEJN Series 342 and 346 nipples

Nipples: Compatible with CEJN Series 342, 344, 345, and 346 couplings

		Part No.	Description	Length	Diameter	Spanner Size
Couplings	Hose connection	10 341 1032	6.3 mm (1/4")	68.7	24.4	19
		10 341 1034	8.0 mm (5/16")	71.2	24.4	19
		10 341 1004	10.0 mm (3/8")	71.7	24.4	19
	Male thread	10 341 1152	R 1/4"	64.7	24.4	20
		10 341 1154	R 3/8"	62.7	24.4	20
		10 341 1155	R 1/2"	57.2	25.4	22
		10 341 1452	NPT 1/4"	63.7	24.4	20
		10 341 1454	NPT 3/8"	61.7	24.4	20
		10 341 1455	NPT 1/2"	56.2	25.4	22
	Female thread	10 341 1202	G 1/4"	58.7	24.4	20
		10 341 1204	G 3/8"	61.7	24.4	20
		10 341 1205	G 1/2"	61.2	28.9	25
		10 341 1402	NPT 1/4"	60.7	24.4	20
		10 341 1404	NPT 3/8"	60.7	25.4	22
		10 341 1405	NPT 1/2"	60.2	28.9	25
Nipples	Hose connection	10 341 5002	6.3 mm (1/4")	47.0	13.0	-
		10 341 5003	8.0 mm (5/16")	49.5	13.0	-
		10 341 5004	10.0 mm (3/8")	49.5	14.0	-
	Male thread	10 341 5152	R 1/4"	46.0	16.2	14
		10 341 5154	R 3/8"	46.0	19.6	17
		10 341 5155	R 1/2"	52.0	25.4	22
		10 341 5452	NPT 1/4"	42.7	19.6	14
		10 341 5454	NPT 3/8"	45.5	22.0	19
		10 341 5455	NPT 1/2"	50.5	25.4	22
	Female thread	10 341 5202	G 1/4"	42.0	19.6	17
		10 341 5204	G 3/8"	43.2	23.1	20
		10 341 5205	G 1/2"	46.5	31.2	27
		10 341 5402	NPT 1/4"	41.5	19.6	17
		10 341 5404	NPT 3/8"	42.0	23.1	20
		10 341 5405	NPT 1/2"	45.5	31.2	27



Thread connections are listed according to ISO Standards. See Page 20 for additional information. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices.



Series 342

35 bar (508 PSI) – 1950 l/min (69 CFM)

A hardened steel locking sleeve and nipple make Series 342 well-suited for breathing air applications in demanding industrial environments. Its special valve design provides an extremely high rate of airflow. Like most CEJN breathing air couplings, Series 342 offers one-hand-operated connection, an integrated safety feature that guards against unintentional disconnection, a gripfriendly locking sleeve, and a broad connection range.

Technical Data

Material: Zinc-plated steel, sleeve and nipple of hardened steel

Seal material: NBR

Airflow at inlet pressure of 6 bar (87 PSI) and pressure drop 0.5 bar (7 PSI): 1950 l/min (69 CFM)

Max. working pressure: 35 bar (508 PSI)

Min. burst pressure: 140 bar (2030 PSI)

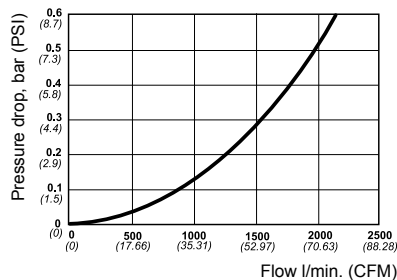
Temperature range: -30°C to +100°C (-22°F to +212°F)

Nominal flow diameter: 7.4 mm (9/32")



Couplings: Compatible with Series 341 and 346 nipples

Nipples: Compatible with Series 341, 344, 345, and 346 couplings



		Part No.	Description	Length	Diameter	Spanner Size
Couplings	Hose connection	10 342 1002	6.3 mm (1/4")	68.7	24.4	19
		10 342 1003	8.0 mm (5/16")	71.2	24.4	19
		10 342 1004	10.0 mm (3/8")	71.7	24.4	19
		10 342 1005	13.0 mm (1/2")	69.7	24.4	19
	Male thread	10 342 1152	R 1/4"	64.7	24.4	20
		10 342 1154	R 3/8"	62.7	24.4	20
		10 342 1155	R 1/2"	57.2	25.4	22
		10 342 1452	NPT 1/4"	63.7	24.4	20
		10 342 1454	NPT 3/8"	61.7	24.4	20
		10 342 1455	NPT 1/2"	56.2	25.4	22
	Female thread	10 342 1202	G 1/4"	58.7	24.4	20
		10 342 1204	G 3/8"	61.7	24.4	20
		10 342 1205	G 1/2"	61.2	28.9	25
		10 342 1402	NPT 1/4"	60.7	24.4	20
		10 342 1404	NPT 3/8"	60.7	25.4	22
	Stream-Line	10 342 1060	6.5 x 10.0 mm	65.7	24.4	20/16
		10 342 1062	8.0 x 12.0 mm	68.7	24.4	20/19
Nipples	Hose connection	10 342 5002	6.3 mm (1/4")	47.0	13.0	-
		10 342 5004	10.0 mm (3/8")	49.5	14.0	-
		10 342 5005	13.0 mm (1/2")	50.0	17.0	-
	Male thread	10 342 5152	R 1/4"	46.0	16.2	14
		10 342 5154	R 3/8	46.0	19.6	17
		10 342 5155	R 1/2"	52.0	25.4	22
		10 342 5452	NPT 1/4"	42.7	16.2	14
		10 342 5454	NPT 3/8"	43.7	19.6	17
		Female thread	10 342 5202	G 1/4"	42.0	19.6
	10 342 5204		G 3/8"	43.2	23.1	20
	10 342 5205		G 1/2"	47.7	27.7	24
	10 342 5402		NPT 1/4"	41.5	19.6	17
	10 342 5404		NPT 3/8"	43.2	23.1	20
	10 342 5405		NPT 1/2"	45.5	31.2	27
	Stream-Line	10 342 5060	6.5 x 10.0 mm	49.0	18.5	16/16
		10 342 5062	8.0 x 12.0 mm	52.0	21.9	19/19

Thread connections are listed according to ISO Standards. See Page 20 for additional information. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices.

Series 346

35 bar (508 PSI) – 800 l/min (28 CFM)



The AISI 316 stainless steel construction of Series 346 makes it an ideal choice for applications in tough environments, such as offshore duty. Its special valve design provides a high rate of airflow. Like most CEJN breathing air couplings, Series 346 offers one-hand operated connection, an integrated safety feature that guards against unintentional disconnection, a grip-friendly locking sleeve, and a broad range of connections.

Technical Data

Material: Stainless steel, AISI 316

Seal material: NBR

Airflow at inlet pressure of 6 bar (87 PSI) and pressure drop 0.5 bar (7 PSI): 800 l/min (28 CFM)

Max. working pressure: 35 bar (508 PSI)

Min. burst pressure: 140 bar (2030 PSI)

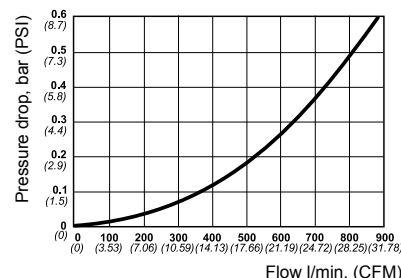
Temperature range: -30°C to +100°C (-22°F to +212°F)

Nominal flow diameter: 7.0 mm (9/32")

Couplings: Compatible with Series 341 and 342 nipples

Nipples: Compatible with Series 341, 342, 344, and 345 couplings

		Part No.	Description	Length	Diameter	Spanner Size
Couplings	Hose connection	10 346 1002	6.3 mm (1/4")	72.0	25.4	22
		10 346 1034	10.0 mm (3/8")	73.0	25.4	22
	Male thread	10 346 1254	G 3/8"	60.0	24.3	21
		10 346 1452	NPT 1/4"	64.0	25.4	22
		10 346 1484	NPT 3/8"	63.5	25.4	22
	Female thread	10 346 1202	G 1/4"	62.0	25.4	22
		10 346 1234	G 3/8"	62.0	25.4	22
		10 346 1402	NPT 1/4"	60.5	25.4	22
		10 346 1434	NPT 3/8"	62.0	25.4	22
Nipples	Hose connection	10 346 5042	6.3 mm (1/4")	47.0	13.0	-
		10 346 5034	10.0 mm (3/8")	49.5	14.0	-
	Male thread	10 346 5272	G 1/4"	40.0	16.2	14
		10 346 5452	NPT 1/4"	42.5	16.2	14
	Female thread	10 346 5202	G 1/4"	41.5	19.6	17
		10 346 5402	NPT 1/4"	40.5	19.6	17
		10 346 5404	NPT 3/8"	42.0	25.4	22



Thread connections are listed according to ISO Standards. See Page 20 for additional information. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices.