



MASTER 

Products for the Food and Beverage Industry

EU- and FDA-Compliant Cleaning Solutions for Every Hygiene Zone



Zoning – A Key Element of Food and Beverage Safety

Hygiene zoning is a fundamental principle in modern food and beverage production. It enables systematic control of microbiological risks, prevents cross-contamination, and provides a clear structural framework for safe, consistent, and audit-compliant operations.

Although not legally mandated, zoning is firmly established in European hygiene legislation (Regulation (EC) No. 852/2004), Good Hygiene Practices (GHP), industry guidelines, risk assessments by competent authorities, the Codex Alimentarius, and international food safety standards such as IFS. It is widely recognized as a best-practice approach in food safety management systems.

What is a “Zone” in F&B production?

A zone is a clearly defined area within a production facility with a specific hygiene level and binding rules for access, workwear, personnel management, material flow, and procedures.



Black Zone
General Area



Grey Zone
Transition and Access Area

Overview of Hygiene Zones

Facilities are structured into hygiene zones to address varying risk levels along the production process. While terminology may vary between sectors, the following model is widely applied in food and beverage environments:



Black Zone – General Area

Areas without direct contact with exposed food or beverage products, such as goods receiving, storage, technical rooms, and staff facilities. Standard hygiene controls apply.



Grey Zone – Transition and Access Area

Controlled transition areas between hygiene levels, including personnel and material airlocks. These zones regulate movement and help prevent cross-contamination between areas of differing risk.



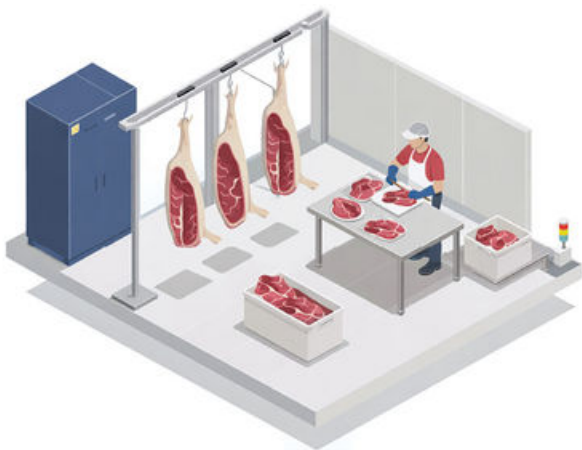
Red Zone – Raw Material Area (Specific to Meat Processing)

Designated areas for handling raw meat with elevated microbiological risk. Comparable raw material areas exist in other sectors but are defined according to product-specific risk profiles.

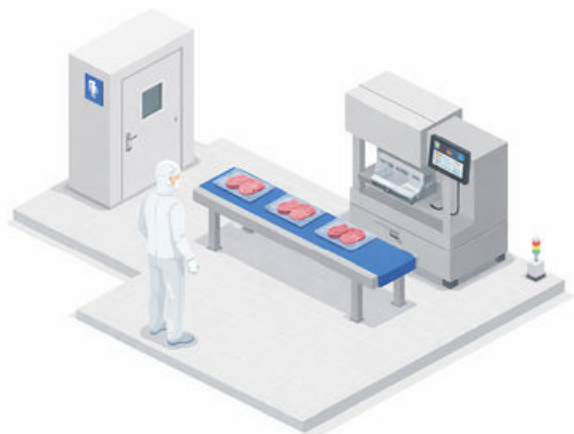


White Zone – High Hygiene Area

Areas for processing, filling, packaging, or storage following hygiene-critical steps (e.g., heat treatment, filtration, or other pathogen-reducing measures). Enhanced hygiene controls and environmental monitoring are applied to maintain maximum safety.



Red Zone
Raw Material Area



White Zone High
Hygiene Area

Series 320 eSafe










CEJN Original Eurostandard 7.6 Global

- Extremely high flow capacity
- Compact design
- Resistant and extremely durable with safety pressure relief



Technical Data

Nominal flow diameter	7.6 mm (5/16")	Connection force	86 N
Air flow	2250 l/min (79.4 CFM)	Temperature range	-20 °C – +100 °C (-4 °F – +212 °F)
Max. working pressure	16 bar (232 PSI)	Material nipple	Hardened steel, zinc-plated
Min. burst pressure	140–280 bar	Pluggable with	Original Eurostandard 7.4 mm
Main material	Steel/brass (zinc-plated)		

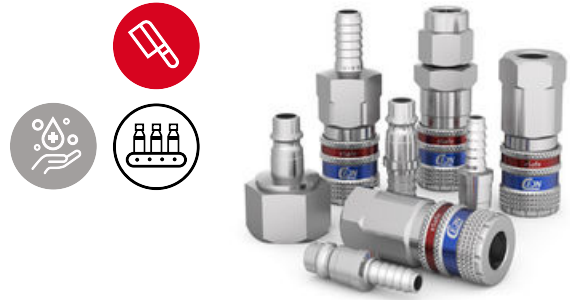
Couplings	Connection	Part No.	Nipples	Connection	Part No.
 Hose Connection (HC)	6.3 mm (1/4")	103202002	 Hose Connection	5.0 mm (3/16")	103205001
	8.0 mm (5/16")	103202003		6.3 mm (1/4")	103205002
	9.0 mm	103202009		8.0 mm (5/16")	103205003
	10.0 mm (3/8")	103202004		9.0 mm	103205009
	13.0 mm (1/2")	103202005		10.0 mm (3/8")	103205004
					13.0 mm (1/2")
 Male Thread (MT)	R 1/4"	103202152	 Male Thread	R 1/8"	103205151
	R 3/8"	103202154		R 1/4"	103205152
	R 1/2"	103202155		R 3/8"	103205154
	G 1/4"	103202252		R 1/2"	103205155
	G 3/8"	103202254		G 1/4"	103205263
	G 1/2"	103202255		G 3/8"	103205264
				G 1/2"	103205265
	NPT 1/4"	103202452		NPT 1/8"	103205451
	NPT 3/8"	103202454		NPT 1/4"	103205452
	NPT 1/2"	103202455		NPT 3/8"	103205454
		NPT 1/2"	103205455		
 Female Thread (FT)	G 1/4"	103202202	 Female Thread	G 1/8"	103205201
	G 3/8"	103202204		G 1/4"	103205202
	G 1/2"	103202205		G 3/8"	103205204
				G 1/2"	103205205
	NPT 1/4"	103202402		NPT 1/8"	103205401
	NPT 3/8"	103202404		NPT 1/4"	103205402
	NPT 1/2"	103202405		NPT 3/8"	103205404
				NPT 1/2"	103205405
 Stream-Line (SL)	5.0 x 8.0 mm	103202058	 Stream-Line	5.0 x 8.0 mm	103205058
	6.5 x 10.0 mm	103202060		6.5 x 10.0 mm	103205060
	8.0 x 12.0 mm	103202062		8.0 x 12.0 mm	103205062
	9.5 x 13.5 mm	103202063		9.5 x 13.5 mm	103205063
	11.0 x 16.0 mm	103202066		11.0 x 16.0 mm	103205066
 Soft-Line (HC)	10.0 mm (3/8")	103202086			
	13.0 mm (1/2")	103202087			
	6.5 x 10.0 mm	103202080			
	8.0 x 12.0 mm	103202082			
	11.0 x 16.0 mm	103202085			
	13.0 x 18.0 mm	103202088			
	G 1/4"	103202232			
	G 3/8"	103202234			
NPT 3/8"	103202434				

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO standards, unless stated otherwise. Check with an authorized CEJN distributor for availability and prices.

Series 326 eSafe









CEJN Couplings EU & FDA Compliant

- With EU and FDA compliant seals & grease
- Compact design
- Resistant and extremely durable with safety pressure relief



Technical Data

Nominal flow diameter	7.6 mm (5/16")	Connection force	102 N
Air flow	1800 l/min (63.57 CFM)	Temperature range	-20 °C – +100 °C (-4 °F – +212 °F)
Max. working pressure	16–70 bar (232–1,015 PSI)	Main material	Stainless steel
Min. burst pressure	140–280 bar	Pluggable with	Original Eurostandard 7.4 mm

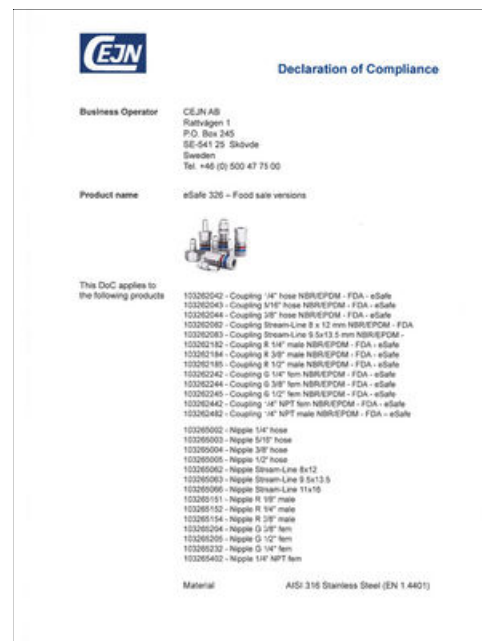
Couplings	Connection	Part No.	Nipples	Connection	Part No.
 Hose Connection (HC)	6.3 mm (1/4")	103262042	 Hose Connection	6.3 mm (1/4")	103265002
	8.0 mm (5/16")	103262043		8.0 mm (5/16")	103265003
	10.0 mm (3/8")	103262044		10.0 mm (3/8")	103265004
 Male Thread (MT)	R 1/4"	103262182	 Male Thread	R 1/8"	103265151
	R 3/8"	103262184		R 1/4"	103265152
	R 1/2"	103262185		R 3/8"	103265154
	NPT 1/4"	103262482			
 Female Thread (FT)	G 1/4"	103262242	 Female Thread	G 1/4"	103265232
	G 3/8"	103262244		G 3/8"	103265204
	G 1/2"	103262245		G 1/2"	103265205
	NPT 1/4"	103262442			
 Stream-Line (SL)	8.0 x 12.0 mm	103262082	 Stream-Line	8.0 x 12.0 mm	103265062
	9.5 x 13.5 mm	103262083		9.5 x 13.5 mm	103265063

Flow capacity is measured at 6 bar (87 PSI) inlet pressure, and pressure drop at 0.5 bar (7 PSI). Thread connections are listed according to ISO standards, unless stated otherwise.

Certificates and Compliances

In the food and beverage industry, regular audits and full documentation are essential. Our products comply with EU and FDA requirements, helping you maintain the highest hygiene and safety standards.

All current certificates, declarations of conformity, and supporting documentation are available on our website: www.cejn.com/guides-support/documents/certificates/



Safety Reel FS

Food-safe Retractable Hose Reel

- Slow retraction for safety
- Hygienic, food-safe construction
- Metal and X-ray detectable stop ball
- Food-grade compressed air from hose to outlet



Technical Data

Max. working Pressure	16 bar (232 PSI)	Temperature range	-20 °C – +60 °C (-4 °F – +140 °F)
Media	Compressed air	Hose length on reel	10–17 m (32.81–55.77 ft)
Hose material	PUR	Reel material	Plastic
Hose type	Straight braided	Reel type	Closed reel

Part No.	Description	Max. working pressure (bar)	ID x OD (mm)	Connection Inlet	Connection Outlet	Diameter (mm)
199112149	SafetyReel FS Medium, steel bracket, hose 10 m	12	11.0 x 16.0	eSafe 326 nipple FDA	eSafe 326 coupling FDA	409
199112189	SafetyReel FS Medium, steel bracket, bracket, hose 17 m	16	8.0 x 12.0	eSafe 326 nipple FDA	eSafe 326 coupling FDA	409
199112196	SafetyReel FS Medium, stainless steel	16	8.0 x 12.0	eSafe 326 nipple FDA	eSafe 326 coupling FDA	409

Safety Reel Hose Reels

Premium Retractable Hose Reel

- Slow retraction for safety Accurate hose guiding
- High flow rate, low pressure drop
- Soft stop ball



Technical Data

Max. working pressure	9–16 bar (130,5–232 PSI)	Temperature range	-20 °C – + 60 °C (-4 °F – +140 °F) Air +5 °C – +60 °C (+ 41 °F – +140 °F) Water
Media	Compressed air, water, or other fluids	Hose length on reel	5–17 m (16.4–55.77 ft)
Hose material	PUR, EPDM rubber	Reel material	Plastic
Hose type	Straight braided	Reel type	Closed reel
Hose colour	Blue, Hi-Vis green, Black		

Part No.	Description	Max. working pressure (bar)	ID x OD (mm)	Connection Inlet	Connection Outlet	Diameter (mm)
Compressed air						
199112020	SafetyReel Small, hose 7m	16	8.0 x 12.0	R 1/4" male	R 1/4" male	365
199112082	SafetyReel Small (with eSafe), hose 10m	16	8.0 x 12.0	eSafe 320 nipple	eSafe 320 coupling	365
199112182	SafetyReel Medium (with eSafe), hose 17m	16	8.0 x 12.0	eSafe 320 nipple	eSafe 320 coupling	445
199112088	SafetyReel Small, hose 10m	16	8.0 x 12.0	eSafe 320 nipple	eSafe 320 coupling	365
199112188	SafetyReel Medium, hose 17m	16	8.0 x 12.0	eSafe 320 nipple	eSafe 320 coupling	435
199112168	SafetyReel Medium, hose 14m	16	9.5 x 13.5	eSafe 320 nipple	eSafe 320 coupling	435
199112132	SafetyReel Medium, (Anti-spark) hose 14m	16	9.5 x 13.5	R 3/8" male	R 3/8" male	445
199112140	SafetyReel Medium, hose 14m	12	11.0 x 16.0	R 1/2" male	R 1/2" male	435
199112150	SafetyReel Medium, hose 8m	12	13.0 x 18.0	R 1/2" male	R 1/2" male	435
Water						
199112230	SafetyReel Medium, hose 14 m	16	9.5 x 13.5	R 3/8" male	R 3/8" male	445
199112240	SafetyReel Medium, hose 12 m	12	11.0 x 16.0	R 1/2" male	R 1/2" male	445

Safety Reel Cable Reels

Premium Retractable Extension Cord Reels

- Slow retraction for safety
- Accurate cable guiding
- Thermal cutoff switch
- Soft stop ball



Technical Data

Media	Electricity	Cable material	Rubber H07RN-F
Reel material	Plastic	Cable dimension	3 x 1.5 mm
Reel type	Closed reel	Voltage	240 Volt
Temperature range	-10 °C – +50 °C (-14 °F – +122 °F)	Protection class	IP44
Cable length on reel	17, 10 m		

Part No.	Description	Connection Outlet	Cable Dimension (mm)	Protection Class	Voltage (V)	Current (amp)	Weight (kg)
199112358	SafetyReel Small, cable 10 m	3-PIN PLUG	3.0 x 1.5	IP 44	230	10	5.9
199112318	SafetyReel Medium, cable 17 m	3-PIN PLUG	3.0 x 1.5	IP 44	230	10	7.6

Open Reel SS with PVC Hose

Open Reel with PVC Hose and Included Feeder Hose

- Slow retraction for safety
- Accurate hose guiding
- Corrosion resistance
- Food-approved PVC hose



Technical Data

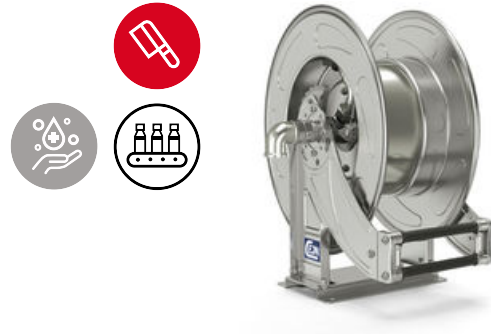
Max. working pressure	20 bar (290 PSI)	Temperature range	-5 °C – +70 °C (23 °F – +158 °F)
Media	Compressed air, Water, or other fluids	Hose length on reel	15–25 m (16.4–55.77 ft)
Hose material	Food-approved PVC hose	Reel material	Stainless steel (AISI 304 and AISI 316)
Hose type	Standard	Reel type	Open reel
Hose colour	Blue		

Part No.	Description	Max. Working Pressure (bar)	ID x OD (mm)	Connection Inlet	Connection Outlet	Diameter (mm)
Stainless Steel AISI 304						
199131016	OpenReel SS Midi 17.5", PVC hose 15 m	20	13.0 x 20.0	G 1/2" female	R 1/2" male	442
199131115	OpenReel SS Midi+ 17.5", PVC hose 15 m	20	13.0 x 20.0	G 1/2" female	R 1/2" male	442
199131120	OpenReel SS Midi+ 17.5", PVC hose 20 m	20	13.0 x 20.0	G 1/2" female	R 1/2" male	442
199131125	OpenReel SS Midi+ 17.5", PVC hose 25 m	20	13.0 x 20.0	G 1/2" female	R 1/2" male	442
199131116	OpenReel SS Midi+ 17.5", PVC hose 15 m	20	19.0 x 27.0	G 3/4" female	R 3/4" male	442
199131220	OpenReel SS Maxi 17.5", PVC hose 20 m	20	19.0 x 27.0	G 3/4" female	R 3/4" male	442
Stainless Steel AISI 316						
199132120	OpenReel SS Midi+ 17.5", PVC hose 20 m	20	13.0 x 20.0	G 1/2" female	R 1/2" male	442
199132220	OpenReel SS Maxi 17.5", PVC hose 20 m	20	19.0 x 27.0	G 3/4" female	R 3/4" male	442

Open Reel SS Hoseless

Open Reel Without Hose in Different Materials

- Slow retraction for safety
- Accurate hose guiding
- Corrosion resistance
- Stainless steel AISI 304 and AISI 316



Technical Data

Max. working pressure	15–40 bar (218–580 PSI)
Media	Compressed air, Water or other fluids
Reel material	Stainless steel (AISI 304 and AISI 316)
Temperature Range	0 °C – +150 °C (32 °F – +302 °F)
Hose variants	Hoseless

Part No.	Description	Max. Working Pressure (bar)	Connection Inlet	Connection Outlet	Diameter (mm)
Stainless Steel AISI 304					
199131000	OpenReel SS Midi 17.5", without hose (15 m)	40	R 1/2" male	1/2" male	442
199131100	OpenReel SS Midi+ 17.5", without hose (20 m)	40	R 1/2" male	1/2" male	442
199131109	OpenReel SS Midi+ 17.5", without hose (25 m)	40	R 1/2" male	1/2" male	442
199131106	OpenReel SS Midi+ 17.5", without hose (15 m)	15	G 1" female	3/4" hose barb	442
199131200	OpenReel SS Maxi 17.5", without hose (20 m)	15	G 1" female	3/4" hose barb	442
Stainless Steel AISI 316					
199132100	OpenReel SS Midi+ 17.5", without hose (20 m)	40	R 1/2" male	1/2" male	442
199132109	OpenReel SS Midi+ 17.5", without hose (25 m)	40	R 1/2" male	1/2" male	442
199132200	OpenReel SS Maxi 17.5", without hose (15 m)	40	G 1" male	3/4" male	442

Series 913 Stop ball

OpenReel SS Spare Parts

- Detectable plastic
- Intended for food industry environments

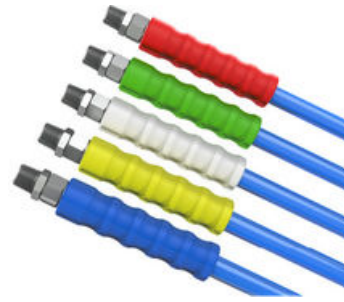


Part No.	Description	Suitable for	Main Material
199139571	Stop ball Detect	Hose with outer diameter of 12 mm	Detectable plastic
199139572	Stop ball Detect	Hose with outer diameter of 16 mm	Detectable plastic
199139573	Stop ball Detect	Hose with outer diameter of 18 mm	Detectable plastic
199139574	Stop ball Detect	Hose with outer diameter of 21 mm	Detectable plastic
199139575	Stop ball Detect	Hose with outer diameter of 23 mm	Detectable plastic
199139576	Stop ball Detect	Hose with outer diameter of 28 mm	Detectable plastic
199139577	Stop ball Detect	Hose with outer diameter of 31 mm	Detectable plastic

Hose Guards

Series 913 Open Reel Spare Parts

- Available in five different colors
- Protects the hose from kinking
- Provides an insulated grip



Part No.	Description	Color	Suitable for	ID x OD (mm)	Main material
199139248	Hose guard	Yellow	1/2" hose	13.0 x 20.0	Rubber
199139249	Hose guard	Yellow	3/4" hose	19.0 x 27.0	Rubber
199139250	Hose guard	White	1/2" hose	13.0 x 20.0	Rubber
199139251	Hose guard	White	3/4" hose	19.0 x 27.0	Rubber
199139252	Hose guard	Green	1/2" hose	13.0 x 20.0	Rubber
199139253	Hose guard	Green	3/4" hose	19.0 x 27.0	Rubber
199139254	Hose guard	Red	1/2" hose	13.0 x 20.0	Rubber
199139255	Hose guard	Red	3/4" hose	19.0 x 27.0	Rubber
199139256	Hose guard	Blue	1/2" hose	13.0 x 20.0	Rubber
199139257	Hose guard	Blue	3/4" hose	19.0 x 27.0	Rubber

Washdown Gun

Washdown Guns for Stainless Steel Hose Reels

- Designed for hygienic & corrosive environments
- High performance for hot water applications
- Ergonomic & operator-friendly design



Technical Data

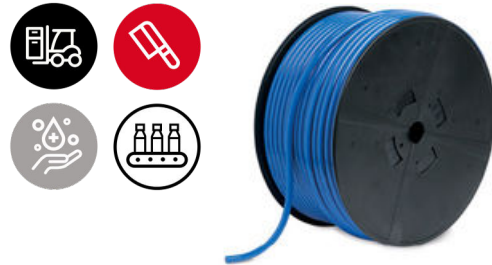
Max. working pressure	10–24 bar (145–348 PSI)
Media	Water
Main material	Brass, Plastic, Stainless steel (AISI 316)

Part No.	Description	Max. Working Pressure (bar)	Variant	Connection	Flow Capacity (l/min)
199139000	Washdown gun, flow channel in brass	24	Fixed inlet	G 1/2" female	60
199139001	Washdown gun, flow channel in brass	24	Swivel inlet	G 1/2" female	60
199139002	Washdown gun, flow channel in stainless steel (AISI 316)	24	Fixed inlet	G 1/2" female	60
199139003	Washdown gun, flow channel in stainless steel (AISI 316)	24	Swivel inlet	G 1/2" female	60
199139004	Washdown nozzle, flow channels in plastic and brass	10	WD 1/2" coupling and nipple	1/2" hose socket	135
199139005	Washdown nozzle, flow channels in plastic and brass	10	WD 3/4" coupling and nipple	3/4" hose socket	135
199139006	Washdown nozzle, flow channels in plastic and brass	10	WD without coupling and nipple	R 3/4" male	135
199139007	Rubber guard kit - Washdown gun				

PUR Hose

Straight Braided and Non-braided

- Durable and wide temperature range
- Ester-based Polyurethane (PUR)
- FDA-approved PUR hose



Technical Data

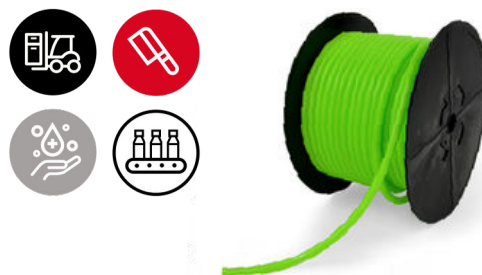
Max. working pressure	10–16 bar (145–232 PSI)
Media	Compressed air
Temperature range	-30 °C – + 60 °C (-22 °F – + 140 °F)
Hose material	PUR

Part No.	Description	Total Length (m)	ID x OD (mm)	Max. Working Pressure (bar)	Burst Pressure (bar)
Straight Non-braided					
199580702	Stream-Line PUR hose, blue	50	4.0 x 6.0	10	25
199580802	Stream-Line PUR hose, blue	50	5.0 x 8.0	10	25
199581002	Stream-Line PUR hose, blue	50	6.5 x 10.0	10	25
199581202	Stream-Line PUR hose, blue	50	8.0 x 12.0	10	25
199581602	Stream-Line PUR hose, blue	50	11.0 x 16.0	10	25
Straight Braided					
199581000	Stream-Line PUR hose, blue	100	6.5 x 10.0	16	64
199581020	Stream-Line PUR hose, blue	50	6.5 x 10.0	16	64
199581200	Stream-Line PUR hose, blue	100	8.0 x 12.0	16	64
199581220	Stream-Line PUR hose, blue	50	8.0 x 12.0	16	64
199581350	Stream-Line PUR hose, blue	100	9.5 x 13.5	16	64
199581370	Stream-Line PUR hose, blue	50	9.5 x 13.5	16	64
199581600	Stream-Line PUR hose, blue	100	11.0 x 16.0	12	48
199581638	Stream-Line PUR hose, blue	50	11.0 x 16.0	12	48
199581801	Stream-Line PUR hose, blue	50	13.0 x 18.0	10	40
199582100	Stream-Line PUR hose, blue	50	16.0 x 21.0	10	40
199582400	Stream-Line PUR hose, blue	25	19.0 x 24.0	10	40

PUR Hose Hi-Vis

Straight Braided

- Light and flexible Hi-Vis safety hose
- Ester-based Polyurethane (PUR)
- FDA-approved PUR hose



Technical Data

Max. working pressure	10–16 bar(145–232 PSI)
Media	Compressed air
Temperature range	-30 °C – +60 °C (-22 °F – +140 °F)
Hose material	PUR

Part No.	Description	Total Length (m)	ID x OD (mm)	Max. Working Pressure (bar)	Burst Pressure (bar)
199581288	Stream-Line PUR hose, Hi-Vis green	100	8.0 x 12.0	16	64
199581388	Stream-Line PUR hose, Hi-Vis green	100	9.5 x 13.5	16	64
199581688	Stream-Line PUR hose, Hi-Vis green	50	11.0 x 16.0	12	48
199581888	Stream-Line PUR hose, Hi-Vis green	50	13.0 x 18.0	10	40

Spiral PUR Hose

Non-braided

- Recoilability and crimp resistance
- Ester-based Polyurethane (PUR)
- FDA-approved PUR hose



Technical Data

Max. working pressure	10–16 bar (145–232 PSI)
Media	Compressed air
Temperature range	-30 °C – +60 °C (-22 °F – +140 °F)
Hose material	PUR

Part No.	Description	Total Length (m)	ID x OD (mm)	Max. Working Pressure (bar)	Burst Pressure (bar)
199585820	Stream-Line Spiral PUR hose, blue	2	5.0 x 8.0	10	25
199585840	Stream-Line Spiral PUR hose, blue	4	5.0 x 8.0	10	25
199585860	Stream-Line Spiral PUR hose, blue	6	5.0 x 8.0	10	25
199585880	Stream-Line Spiral PUR hose, blue	8	5.0 x 8.0	10	25
199586020	Stream-Line Spiral PUR hose, blue	2	6.5 x 10.0	10	25
199586040	Stream-Line Spiral PUR hose, blue	4	6.5 x 10.0	10	25
199586060	Stream-Line Spiral PUR hose, blue	6	6.5 x 10.0	10	25
199586080	Stream-Line Spiral PUR hose, blue	8	6.5 x 10.0	10	25
199586220	Stream-Line Spiral PUR hose, blue	2	8.0 x 12.0	10	25
199586240	Stream-Line Spiral PUR hose, blue	4	8.0 x 12.0	10	25
199586260	Stream-Line Spiral PUR hose, blue	6	8.0 x 12.0	10	25
199586280	Stream-Line Spiral PUR hose, blue	8	8.0 x 12.0	10	25
199586620	Stream-Line Spiral PUR hose, blue	2	11.0 x 16.0	10	25
199586640	Stream-Line Spiral PUR hose, blue	4	11.0 x 16.0	10	25
199586660	Stream-Line Spiral PUR hose, blue	6	11.0 x 16.0	10	40
199586680	Stream-Line Spiral PUR hose, blue	8	11.0 x 16.0	10	40

Spiral PUR Hose Hi-Vis

Non-braided

- Recoilability and crimp resistance
- Ester-based Polyurethane (PUR)
- FDA-approved PUR hose



Technical Data

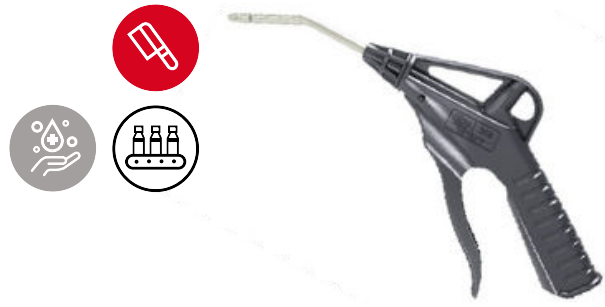
Max. working pressure	10–16 bar (145–232 PSI)
Media	Compressed air
Temperature range	-30 °C – +60 °C (-22 °F – +140 °F)
Hose material	PUR

Part No.	Description	Total Length (m)	ID x OD (mm)	Max. Working Pressure (bar)	Burst Pressure (bar)
199581114	Stream-Line Spiral PUR hose, Hi-Vis green	4	11.0 x 16.0	10	25
199581154	Stream-Line Spiral PUR hose, Hi-Vis green	4	5.0 x 8.0	10	25
199581156	Stream-Line Spiral PUR hose, Hi-Vis green	6	5.0 x 8.0	10	25
199581158	Stream-Line Spiral PUR hose, Hi-Vis green	8	5.0 x 8.0	10	25
199581164	Stream-Line Spiral PUR hose, Hi-Vis green	4	6.5 x 10.0	10	25
199581166	Stream-Line Spiral PUR hose, Hi-Vis green	6	6.5 x 10.0	10	25
199581168	Stream-Line Spiral PUR hose, Hi-Vis green	8	6.5 x 10.0	10	25
199581184	Stream-Line Spiral PUR hose, Hi-Vis green	4	8.0 x 12.0	10	25
199581188	Stream-Line Spiral PUR hose, Hi-Vis green	6	8.0 x 12.0	10	25
199581189	Stream-Line Spiral PUR hose, Hi-Vis green	8	8.0 x 12.0	10	25
199581488	Stream-Line Spiral PUR hose, Hi-Vis green	6	11.0 x 16.0	10	25

208 Detect Blow Gun

Series 208 Detect

- Metal & X-ray detectable
- Food grade plastic
- Food-approved seals
- High flow performance
- FDA-approved blow gun



Technical Data

Max. working pressure	16 bar (232 PSI)	Temperature range	-20 °C – +60 °C (-4 °F – +140 °F)
Min. burst pressure	64 bar	Material	PA66, Stainless steel
Flow capacity	Up to 500 l/min (18 CFM)	Sealing material	NBR (Detect)
Noise level	82–101 dB(A)	Media	Air

Part No.	Description	Outlet Tube	Connection	Noise level (dB(A))	Flow capacity (l/min)
112087001	208 Detect blow gun	1000 mm straight stainless steel tube	Rc 1/4"	96	425
112087051	208 Detect blow gun	1000 mm straight stainless steel tube	NPT 1/4"	96	425
112087501	208 Detect blow gun	500 mm straight stainless steel tube	Rc 1/4"	97	500
112087504	208 Detect blow gun	500 mm straight tube with Star-Tip stainless steel	Rc 1/4"	85	180
112087551	208 Detect blow gun	500 mm straight stainless steel tube	NPT 1/4"	97	500
112087554	208 Detect blow gun	500 mm straight tube with Star-Tip stainless steel	NPT 1/4"	85	180
112087301	208 Detect blow gun	300 mm straight stainless steel tube	Rc 1/4"	99	520
112087304	208 Detect blow gun	300 mm straight tube with Star-Tip stainless steel	Rc 1/4"	85	180
112087351	208 Detect blow gun	300 mm straight stainless steel tube	NPT 1/4"	99	520
112087354	208 Detect blow gun	300 mm straight tube with Star-Tip stainless steel	NPT 1/4"	85	180
112087101	208 Detect blow gun	90 mm bent stainless steel tube	Rc 1/4"	99	560
112087104	208 Detect blow gun	90 mm bent tube with Star-Tip stainless steel	Rc 1/4"	85	190
112087151	208 Detect blow gun	90 mm bent stainless steel tube	NPT 1/4"	99	560
112087154	208 Detect blow gun	90 mm bent tube with Star-Tip stainless steel	NPT 1/4"	85	190

208 Blow Gun

Series 208

- Effectivemode of action
- Lightweight and ergonomic
- High performance with precise flow control
- Durable design



Technical Data

Max. working pressure	16 bar (232 PSI)	Temperature range	-20 °C – +60 °C (-4 °F – +140 °F)
Min. burst pressure	64 bar	Material	POM, brass
Flow capacity	up to 500 l/min (18 CFM)	Sealing material	NBR (Nitrile)
Noise level	79–101 dB(A)	Media	Air, non-explosive water based liquids

Part No.	Description	Outlet Tube	Connection	Noise level (dB(A))	Flow capacity (l/min)
112080100	208 Blow gun	90 mm tube, fixed	Rc 1/4"	96	500
112083100	208 Blow gun	90 mm Star-Tip*, fixed (noise-reduced)	Rc 1/4"	79	190
712081911	208 Blow guns blister kit	Contains blow gun, chip shield, silencer and rubber-tip nozzle	Rc 1/4"	96	500
112089960	Rubber-tip nozzle set (14, 25, 35 mm)				

* The Star-Tip function offers a noise-reducing effect and also complies with OSHA safety standards.

Air and Fluid Guns

Series 209 Standard Guns

- High flow
- Durable design
- Ergonomic, comfortable grips
- High performance with precise flow control



Technical Data

Max. working pressure 16 bar (232 PSI)
 Min. burst pressure 64 bar (928 PSI)
 Flow capacity 208–1035 l/min
 Noise level 79–101 dB(A)

Temperature range -20 °C – +60 °C (-4 °F – +140 °F)
 Material POM, TPE, Stainless steel
 Sealing material NBR (Nitrile)
 Media Air, non-explosive water based liquids

Part No.	Description	Connection	Noise level (dB(A))	Flow capacity (l/min)
112090001	209 Basic blow gun body	Rc 1/4"	106	1035
112090051	209 Basic blow gun body	NPT 1/4"	106	1035
112090200	209 Blow gun, 90 mm removable tube	Rc 1/4"	96	528
112090250	209 Blow gun, 90 mm removable tube	NPT 1/4"	96	528
112090301	209 Blow gun, regulator, removable tube	Rc 1/4"	87	232
112090351	209 Blow gun, regulator, removable tube	NPT 1/4"	87	232
112093200	209 Blow gun, 90 mm tube with Star-Tip*, removable	Rc 1/4"	82	208
112093250	209 Blow gun, 90 mm tube with Star-Tip*, removable	NPT 1/4"	82	208
112099903	Display pack - 20 pieces of 112090200		96	528

Air and Fluid Guns

Series 209 Hi-Vis Guns

- High flow
- Durable design
- Ergonomic, comfortable grips
- High performance with precise flow control



Technical Data

Max. working pressure 16 bar (232 PSI)
 Min. burst pressure 64 bar (928 PSI)
 Flow capacity 208–1035 l/min
 Noise level 79–101 dB(A)

Temperature range -20 °C – +60 °C (-4 °F – +140 °F)
 Material POM, TPE, Stainless steel
 Sealing material NBR (Nitrile)
 Media Air, non-explosive water based liquids

Part No.	Description	Connection	Noise level (dB(A))	Flow capacity (l/min)
112090000	209 Hi-Vis basic blow gun body	Rc 1/4"	106	1035
112090050	209 Hi-Vis basic blow gun body	NPT 1/4"	106	1035
112090952	209 Hi-Vis blow gun, 90mm bent tube with silencer SUVA approved non-removable	Rc 1/4"	85	380
112090300	209 Hi-Vis blow gun, regulator, removable tube	Rc 1/4"	87	232
112090350	209 Hi-Vis blow gun, regulator, removable tube	NPT 1/4"	87	232
112093100	209 Hi-Vis blow gun, 90 mm tube with Star-Tip*, removable	Rc 1/4"	82	208
112093150	209 Hi-Vis blow gun, 90 mm tube with Star-Tip*, removable	NPT 1/4"	82	208
112099901	Display pack - 20 pieces of 112093100		82	208
112099904	Display pack - 20 pieces of 112090952		85	380

* The Star-Tip function offers a noise-reducing effect and also complies with OSHA safety standards.

MultiFLOW Air and Fluid Guns

Series 210

- Unmatched blowing force
- Adjustable flow control
- Adjustable beam
- High flow with compressed air or liquids



Technical Data

Max. working pressure	16 bar (232 PSI)	Air noise level	79–101 dB(A)
Min. burst pressure	64 bar (928 PSI)	Temperature range	-20 °C – +60 °C (-4 °F – +140 °F)
Flow capacity	200–1200 l/min (7–42 CFM)	Material	Plastic
Fluid flow rate	5–25 l/min	Sealing material	Aluminum NBR

Part No.	Description	Connection	Flow Capacity	
			(Compressed air) Min.-Max. (l/min)	(Fluids) Min.-Max. (l/min)
112100400	MultiFLOW air and fluid gun, adjustable jet	320 nipple	200–1200	5–25
112100450	MultiFLOW air and fluid gun, adjustable jet	NPT 1/4"	200–1200	5–25
112100452	MultiFLOW air and fluid gun, brass, adjustable jet	G 1/4" (fem)	200–1200	5–25
112100455	MultiFLOW air and fluid gun, brass, adjustable jet	G 1/2" (fem)	200–1200	5–25
112100100	MultiFLOW air and fluid gun, straight tube 90 mm	320 nipple	150–1100	
112100152	MultiFLOW air and fluid gun, brass, straight tube 90 mm	G 1/4" (fem)	150–1100	
112103100	MultiFLOW air and fluid gun, Star-Tip* tube 90 mm	320 nipple	100–700	
112103152	MultiFLOW air and fluid gun, Star-Tip* tube 90 mm	G 1/4" (fem)	100–700	
112100352	MultiFLOW air and fluid gun, brass, adjustable fluid	G 1/4" (fem)		5–15
112100355	MultiFLOW air and fluid gun, brass, adjustable fluid	G 1/2" (fem)		5–15

Air & Fluid Gun Accessories

Series 208, 209, 210

Interchangeable accessories for blow guns.
Various pipes and nozzles meet the various requirements.



Part No.	Description
112089970	Brush soft nozzle OSHA STD 01-13-001, fits 208 and 209 blow guns
112089971	Brush medium nozzle OSHA STD 01-13-001, fits 208 and 209 blow guns
112089972	Brush hard nozzle OSHA STD 01-13-001, fits 208 and 209 blow guns
112089975	Flat nozzle OSHA STD 01-13-001, fits 208 and 209 blow guns
112089954	Chip shield
112089962	Silencer, Reduces noise effectively when low noise is a requirement. Sound level: 82 dB(A).
112083215	Star-Tip* tube, 90 mm (4"), fits series 208 blow guns
112100230	Star-Tip* tube, 90 mm (4"), fits series 210 blow guns
112080216	Tube regulator, 90 mm (4")
112100210	Adjustable fluid nozzle, fits series 210 blow guns
112100220	Straight tube, 90 mm (4"), fits series 210 blow guns
112109000	Magnet holder, fits series 208 and 210 blow guns

* The Star-Tip function offers a noise-reducing effect and also complies with OSHA safety standards.