News

CARTFIT PUSH-IN CARTRIDGE
SERIES 7700

External tube diameter: 4, 6, 8 mm



Compact and functional design:	• Minimal footprint and easy to integrate
Fast and simple installation:	• Push-in connection with low insertion force
Fluid integrity:	• Constant sealing and no contamination

The new CARTfit Series 7700 push-in cartridge ensures a quick, reliable, and long-lasting connection between housing and tube. Designed for cavities made of engineering polymers, brass, or aluminum, it delivers high performance and full compatibility with most industrial tubing.
Its compact, integrated design reduces installation time, optimizes space, and simplifies assembly, ensuring consistent sealing and long-term reliability.

Available in four versions developed to meet different application requirements, the CARTfit 7700 range perfectly fits the main industrial sectors – from automation to cooling systems, and from the transportation to the medical sector.

* Check the NSF certified models here: https://info.nsf.org/Certified/Food/Listings

RoHS

ISO 14743:2020

Regulation (CE) n. 1935/2004 n. 2023/2006

NSF169*

Regulation (CE) n. 2023/2006

FDA

Reach

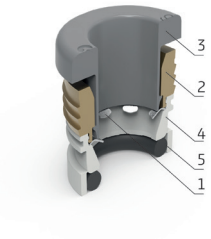
DM174 Drinking Water

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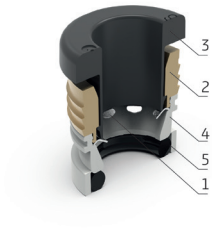
CARTFIT PUSH-IN CARTRIDGE
SERIES 7700 - GENERAL DATA

General Data

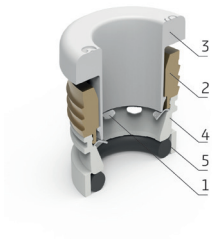
Automation	
Diameter	Ø4 mm Ø6 mm Ø8 mm
Max. operating pressure	Up to 20 bar, according to the material of the housing and operating temperature
Min. operating pressure	-0,9 bar
Temperature	-20 ÷ +80 (see characteristics of the tubes used)
Tube to connect	Polyurethane (PU) Polyethylene (PE) Polyamide (PA) Fluoropolymer (PTFE) Polyester (HY3L) Rigid metal tube with smooth grooved metal end
Medium	Compressed air, neutral gases and vacuum (for other types of media, please consult our technicians)
Materials	(1) Gripping ring = Stainless steel (AISI 301) (2) Brass sleeve (3) Button = Technopolymer (PA66) (4) Support for gripping ring = Technopolymer (PA66) (5) Seal = NBR



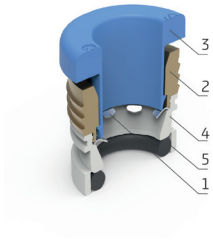
Transportation	
Diameter	Ø4 mm Ø6 mm Ø8 mm
Max. operating pressure	Up to 20 bar, according to the material of the housing and operating temperature
Min. operating pressure	-0,9 bar
Temperature	-40 ÷ +80 (see characteristics of the tubes used)
Tube to connect	Polyurethane (PU) Polyethylene (PE) Polyamide (PA) Fluoropolymer (PTFE) Polyester (HY3L) Rigid metal tube with smooth grooved metal end
Medium	Compressed air, neutral gases and vacuum (for other types of media, please consult our technicians)
Materials	(1) Gripping ring = Stainless steel (AISI 301) (2) Brass sleeve (3) Button = Technopolymer (PA66) (4) Support for gripping ring = Technopolymer (PA66) (5) Seal = NBR



Beverage - Cooling	
Diameter	Ø4 mm Ø6 mm Ø8 mm
Max. operating pressure	Up to 20 bar, according to the material of the housing and operating temperature
Min. operating pressure	-0,9 bar
Temperature	-20 ÷ +100 (see characteristics of the tubes used) (NSF 61 requirement up to 82°C)
Tube to connect	Polyurethane (PU) Polyethylene (PE) Polyamide (PA) Fluoropolymer (PTFE) Polyester (HY3L) Rigid metal tube with smooth grooved metal end
Medium	Mains water and drinking water, beverages, gas, industrial water and cooling fluids (for other media, consult our technicians)
Materials	(1) Gripping ring = Stainless steel (AISI 301) (2) Brass sleeve (3) Button = Technopolymer (PA66) (4) Support for gripping ring = Technopolymer (PA66) (5) Seal = EPDM



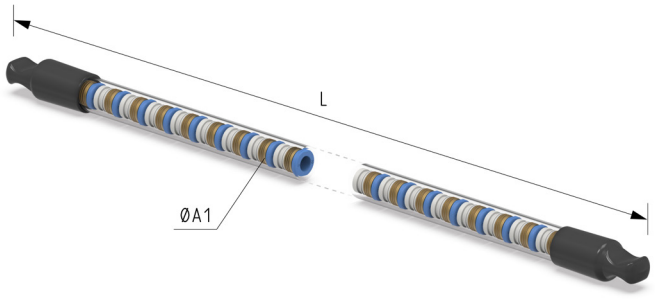
Medical	
Diameter	Ø4 mm Ø6 mm
Max. operating pressure	Up to 20 bar, according to the material of the housing and operating temperature
Min. operating pressure	-0,9 bar
Temperature	-20 ÷ +100 (see characteristics of the tubes used)
Tube to connect	Polyurethane (PU) Polyethylene (PE) Polyamide (PA) Fluoropolymer (PTFE) Polyester (HY3L) Rigid metal tube with smooth grooved metal end
Medium	Oxygen and medical gases (for other media consult our technicians)
Materials	(1) Gripping ring = Stainless steel (AISI 301) (2) Brass sleeve (3) Button = Technopolymer (PA66) (4) Support for gripping ring = Technopolymer (PA66) (5) Seal = EPDM



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CARTfit Stick

Supplied with:
50x cartridges for tubes

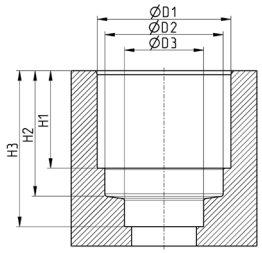


Size	ØA1	L
4	11,7	650
6	14,5	750
8	16,7	880

Cavity dimensions - Automation, Beverage - Cooling and Medical (WB, OX1)

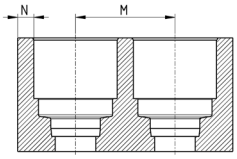
For detailed drawings of the cavities, tolerances and materials of the housing, consult our technicians.

Metal housing



Mod.	A	ØD1	ØD2	ØD3	H1	H2	H3	M	N
****7700 4-*****	4	8,3	7,05	4,1	6	8,15	10	10,9	1,5
****7700 6-*****	6	10,3	9,15	6,1	7,5	9,65	12	12,6	2
****7700 8-*****	8	12,15	10,85	8,15	9,9	12,45	15,5	14,8	2

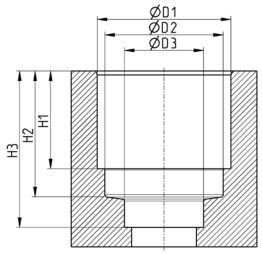
Polymer housing



Mod.	A	ØD1	ØD2	ØD3	H1	H2	H3	M	N
****7700 4-*****	4	8,25	7,05	4,1	6	8,15	10	10,9	1,5
****7700 6-*****	6	10,2	9,15	6,1	7,5	9,65	12	12,6	2
****7700 8-*****	8	12,15	10,85	8,15	9,9	12,45	15,5	14,8	2

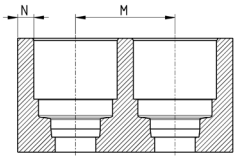
Cavity dimensions - Transportation (LT)

Metal housing



Mod.	A	ØD1	ØD2	ØD3	H1	H2	H3	M	N
G7700 4-LT	4	8,3	7,05	4,1	6	8,65	10,5	10,9	1,5
G7700 6-LT	6	10,3	9,15	6,1	7,5	10,15	12,5	12,6	2
G7700 8-LT	8	12,25	11,15	8,15	9,9	12,7	15,75	14,8	2

Polymer housing



Mod.	A	ØD1	ØD2	ØD3	H1	H2	H3	M	N
G7700 4-LT	4	8,25	7,05	4,1	6	8,65	10,5	10,9	1,5
G7700 6-LT	6	10,2	9,15	6,1	7,5	10,15	12,5	12,6	2
G7700 8-LT	8	12,15	11,15	8,15	9,9	12,7	15,75	14,8	2

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CARTFIT PUSH-IN CARTRIDGE
SERIES 7700 - DIMENSIONS

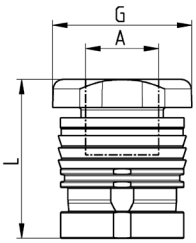
Automation Mod. G7700

News



Compatibility with Plug-in GRIPfit Series 7000 push-in fittings Mod. G7555, Mod. G7435, Mod. G7445, Mod. G7565, Mod. G7800, Mod. 6900, Mod. 7950, Mod. G6812

ISO 14743:2020 Reach RoHS



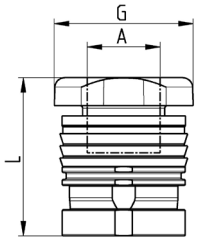
Mod.	A	G	L	Weight [g]
G7700 4	4	9,2	10,95	1,1
G7700 6	6	11,5	13	2
G7700 8	8	13,75	15,5	2,4

Transportation Mod. G7700 - LT

News



ISO 14743:2020 Reach RoHS



Mod.	A	G	L	Weight [g]
G7700 4-LT	4	9,2	10,95	1,1
G7700 6-LT	6	11,5	13	2
G7700 8-LT	8	13,75	15,5	2,4

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Beverage - Cooling Mod. WB7700

News

Compatibility with Plug-in GRIPfit Series 7000 push-in fittings



For Beverage & water filtration
Mod. B7555, Mod. B7800, Mod. B6900, Mod. 7950, Mod. B6812
For Cooling
Mod. W7555, Mod. W7800, Mod. B6900, Mod. 7950, Mod. W6812

RoHS

Reach

FDA

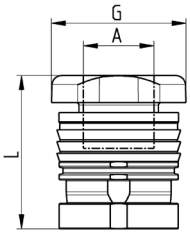
ISO 14743:2020

DM174 Drinking Water

Regulation (CE) n. 1935/2004 n. 2023/2006

NSF169*

Regulation (CE) n. 2023/2006



Mod.	A	G	L	Weight [g]
WB7700 4	4	9,2	10,95	1,1
WB7700 6	6	11,5	13	2
WB7700 8	8	13,75	15,5	2,4

* Check the NSF certified models here: https://info.nsf.org/Certified/Food/Listings

Medical Mod. W7700

News

Compatibility with Plug-in GRIPfit Series 7000 push-in fittings
Mod. W7555 OX1, Mod. W7800 OX1, Mod. B6900, Mod. 7950

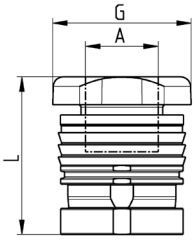


RoHS

Reach

ISO 14743:2020

ASTM G93/G93M-19



Mod.	A	G	L	Weight [g]
W7700 4-OX1	4	9,2	10,95	1,1
W7700 6-OX1	6	11,5	13	2

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