



Technical Components Catalogue



carmo

Your partner in plastic components

Carmo

- your partner in plastic components

Modern technology and design based on more than fifty years of professional experience enable us to provide high quality, top performing, cost-efficient plastic component solutions



Carmo is a market leader

Carmo is a leading developer, manufacturer and supplier of plastic components. We have more than fifty years of experience in designing and engineering advanced solutions. We produce our own wide range of high-quality standard plastic components, which we market at competitive prices and delivery times, to business partners and customers all over the world. We have a comprehensive knowledge of material composition, characteristics and performance, and we have developed our own protected range of formulas for raw material compounds.

Carmo locations

Carmo has its head office in Denmark. We have a sales office in France and a Carmo distributor in the US.

Carmo main areas of business

Industrial Components

- Weldable eyelets and fittings
- Valves for inflating, overpressure and vacuum
- Threaded nozzels and caps
- HF/RF welding machines

Medical components

- Drainage valves
- Connectors and fittings for medical bags
- Customisation and OEM production

Product development services

- Product design and realisation
- Pilot production, test and documentation
- Ramp-up and production

Contact us

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E: denmark@carmo.dk

www.carmo.dk

Product Development Services

Design, development and manufacture of special solutions including multi-component mouldings

We are your partner in developing, designing and manufacturing special solutions for industry. Our engineers and technicians assist you in preparing a complete specification of product requirements and ensure that your plastic component solutions are high quality and comply with your technical and performance requirements. We can manufacture in cleanroom down to class 10,000 and we are certified to ISO 9001:2008 and ISO 13485:2012.

Carmo offers services and support in all phases of product development

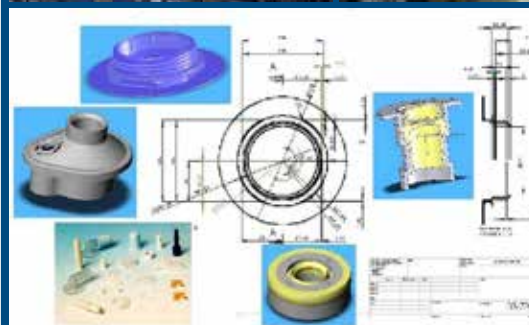
- Product design and mechanical construction/manufacturing engineering
- Process maturing, test, run-in and pilot production
- Qualification and validation of tools and processes
- Ramp-up and volume production

Our modern production equipment at the Carmo manufacturing facilities in Denmark provides us with comprehensive capacity and expertise for the benefit of our customers.

Carmo

- Specialises in advanced production with injection moulding machines
- Offers multi-component moulding
- Operates moulding machines ranging from 25 to 250 tonnes
- Offers automated assembly solutions
- Executes QA in accordance with AQL standards
- Manufactures in cleanroom facilities - down to class 10,000
- Offers manufacturing processes based on customer's own moulds
- Offers state-of-the-art optical and tactile measurements

Please contact us to hear more about our capabilities in customised plastic component solutions – and how we can assist you with our product development services.



Selected References



"With Carmo you get the feeling that the whole organization is interested and involved whenever you contact them about something"
 - Keofitt A/S



"With Carmo we have an effective communication and exchange of experiences and know-how"
 - Akva A/S



"Carmo's components deliver the exact standard we are looking for"
 - NOFI Tromsø AS



"For 40 years Carmo has delivered quality and punctuality"
 - Isabella A/S



Carmo Core Competences

Focus on You - our Customer

- We work for our customers and with our customers.
- We honour agility and take pride in keeping our promises
- We are a Team of diverse, experienced and dedicated professionals.

Quality Certification to suit Global Medico Companies

- We have chosen quality to be the keyword for our production.
- We have been ISO certified since 1993
- Today, we hold the following certificates:
ISO 9001:2008 and ISO 13485:2012

Experts in High Frequency Welding

- We have a generation of experience in high frequency welding.
- We offer a wide range of electrodes for our components.
- We offer punch and weld machines with both manual and automatic feeding

Customised Materials

- We work in all technical plastics – including TPE
- 20 years of experience in fine-tuning recipes to attain specific properties and functionality
- Extensive know-how on property change in materials in harsh environments like maritime operations and medico sterilisation
- We continue to maintain PVC as a core competence

Cutting edge Automation and Assembly

- We leverage robotics technology to its utmost, to limit manual operations, errors and contamination of our components
- Dedicated and generic robots from 2 to 6 axis
- Automated pick-and-place, assembly and quality control
- Advanced vision technology for flexibility and agility

Advanced Injection Moulding

- Machines covering 15 – 250 tonnes
- Single component, 1.5 component and 2 component injection moulding
- Experienced in advanced mould technology including Cube moulds and Spin-stacks
- Cleanroom conditions guaranteed to class 10.000 (ISO class 7)

Flexible Deliveries from own Warehouses

- We carry stock on the majority of our standard components.
- 90% of our orders are fulfilled within 5 business days
- If needed, we can offer shipments of small quantities
- For prototype and evaluation, contact us for samples.

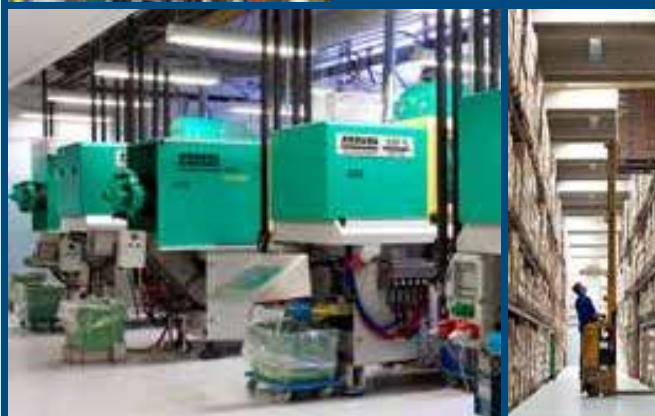
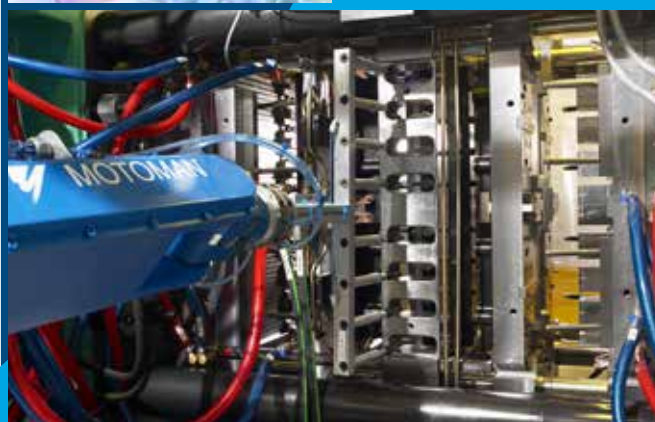


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Buttons

Buttons and Buttonholes

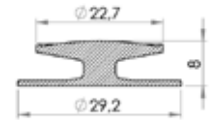
01-055

Button 22,7mm



HF/ultrasonic weldable button for use with raincoats, protective gear or other areas where an easy and inexpensive attachment is needed.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
01-055-1402	PVC		Yes	1 x 8.000			
01-055-1403	PVC/PUR		No	1 x 8.000			soft
01-055-1404	PVC/PUR		No	1 x 8.000			
01-055-1405	PVC/PUR		No	1 x 8.000			soft



Fits with:



01-112

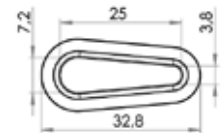
01-112

Buttonhole Reinforcement



HF/ultrasonic weldable buttonhole reinforcement. For use with raincoats, protective gear or other areas where an easy and inexpensive attachment is needed.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
01-112-1002	PVC		Yes	4 x 8.000			
01-112-1003	PVC/PUR		No	4 x 8.000			
01-112-1004	PVC/PUR		No	4 x 8.000			



Fits with:



01-055

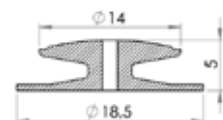
09-099

Button 13.9 mm



HF/ultrasonic weldable button

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
09-099-4102	PVC		Yes	1 x 25.000			



Snap Fasteners

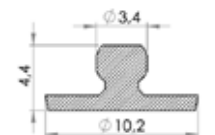
02-024

Snap Fastener, male



HF/ultrasonic direct weldable Snap Fastener for click connections.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
02-024-1060	PVC		Yes	5.000/50.000			



Fits with:



02-224 02-324

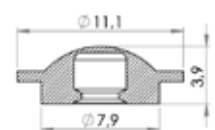
02-224

Snap Fastener, female, low closing strength



Plastic Snap Fastener (female part) with low closing strength.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
02-224-2010	PVC		No	4 x 25.000			
02-224-2012	PVC		Yes	4 x 25.000			



Fits with:



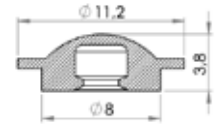
Buttons

02-324
Snap Fastener, female, medium closing strength

HF/ultrasonic direct weldable Snap Fastener



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
02-324-2003	PVC		Yes	4 x 25.000			



Fits with:



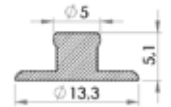
02-024

02-031
Snap Fastener, male

Nylon Snap Fastener, male part. Forms a re-usable click connection. Together with matching female parts 02-331 and 02-431



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
02-031-1065	PA		Yes	6.000/24.000			



Fits with:



02-117



02-331



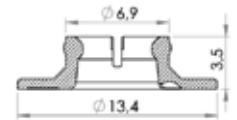
02-431

02-331
Snap Fastener, female, medium closing strength

Female Snap Fastener for click connections. with medium closing strength



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
02-331-2102	PA		Yes	6.000/24.000			



Fits with:



02-031



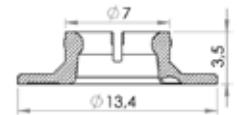
02-118

02-431
Snap Fastener, female, heavy closing strength

Female Snap Fastener with heavy closing strength



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
02-431-2015	PA		Yes	6.000/24.000			



Fits with:



02-031



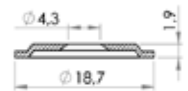
02-118

02-117
Washer for 02-031

PVC washer for nylon (PA) Snap Fastener. Can be HF and ultrasonic welded to PVC sheets.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
02-117-2002	PVC		Yes	6.000/24.000			



Fits with:



02-031

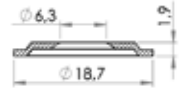
Buttons

02-118
Washer for 02-331, 02-431

Enables welding of nylon (PA) Snap Fastener 02-331, 02-431 to vinyl sheeting



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
02-118-2001	PVC		Yes	6.000/24.000			



Fits with:



02-331



02-431

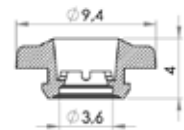
Security Fasteners

09-132
Security Fastener, female

Single use fastener for hospital ID bracelets etc. Female part



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
09-132-1420	POM		Yes	4 x 25.000			
09-132-4004	POM		No	4 x 25.000			
09-132-4008	POM		No	4 x 25.000			



Fits with:



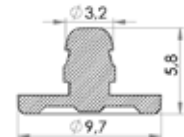
09-032

09-032
Security Fastener, male

Single use fastener for hospital ID bracelets etc. Male part



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
09-032-1412	POM		No	4 x 25.000			
09-032-1416	POM		No	4 x 25.000			
09-032-1420	POM		Yes	4 x 25.000			



Fits with:



09-132

Nozzels and Caps

Caps

03-561

Screwcap with wings, 25mm



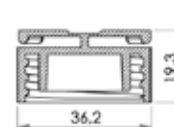
25mm plastic screwcap with wings. A practical solution with recessed nozzels.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-561-1103	PELD		No	2 x 500			
03-561-1105	PELD		No	2 x 500			

Fits with:



03-730 03-628


03-935

Plastic Cap, 25mm for weldable nozzle



PEHD Cap with internal location ring

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-935-1001	PEHD		Yes	1 x 2.000			
03-935-1005	PEHD		No	1 x 2.000			

Fits with:



03-628 03-730


03-936

Plastic Cap, 25mm for weldable nozzle, w/wo Gasket



Can be supplied with or without gasket 03-937. Suitable also for insert 03-625 when used with recessed nozzle 03-628

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-936-1002	PEHD		Yes	1 x 2.000			
03-936-1006	PEHD		No	1 x 2.000			
03-936-7003	PEHD+Foam		No	1 x 2.000			Incl. Gasket

Fits with:



03-628 03-730 03-937


03-974

Plastic Cap for 34mm nozzle



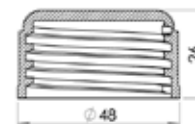
Plastic Cap for use with 34mm threaded nozzle. Can be supplied with gasket 03-938.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-974-1002	PEHD		Yes	1 x 500			
03-974-1004	PEHD		Yes	1 x 500			
03-974-1012	PEHD		No	1 x 500			
03-974-1014	PEHD		Yes	1 x 500			

Fits with:



03-731 03-938



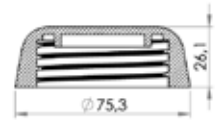
Nozzels and Caps

03-945
Plastic Cap with Gasket for 45mm nozzle

Cap with built-in gasket



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-945-1001	PEHD	■	Yes	1 x 400			
03-945-1003	PEHD	■	No	1 x 400			
03-945-1005	PEHD	■	No	1 x 400			



Fits with:



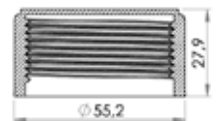
03-745

03-976
Valve Cap 1½"

Cap with G 1½" pipe thread



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-976-2000	PEHD	■	Yes	Call for quote			



Fits with:



03-634

03-568
Plastic Cap with Gasket, 98mm

Food content approved. Soft white rubber gasket included. Also sold as a set (03-129) together with nozzle 03-734



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-568-7102	PEHD+Rubbe	■	Yes	1 x 200			



Fits with:



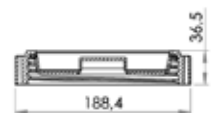
03-734

03-569
Plastic Cap with Gasket, 146mm

Large, heavy duty cap with 'O' ring. Can be tightened by hand or via external hex head feature. Also sold as a set (03-130) together with nozzle 03-735



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-569-7101	PEHD+Rubbe	■	Yes	1 x 70			



Fits with:



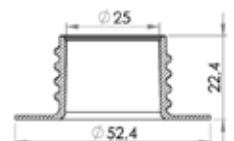
03-735

Threaded Nozzels
03-730
Threaded Nozzle, 25mm

25mm plastic nozzle with smooth bore. HF/ultrasonic weldable



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-730-1010	PVC/PUR	■	No	1 x 1.000		⚡ ⚡ ⚡	
03-730-1012	PVC	■	No	1 x 1.000		⚡ ⚡ ⚡	
03-730-1013	PVC	■	Yes	1 x 1.000		⚡ ⚡ ⚡	
03-730-1016	PELD	■	No	1 x 1.000		⚡	



Fits with:



03-935

03-936

03-561

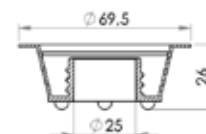
Nozzels and Caps

03-628
Recessed Threaded Nozzle, 25mm

HF/ultrasonic weldable 25mm recessed nozzle. Completely sub flush.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-628-1104	PVC	☐	No	1 x 500		⚡ ⚡ ⚡	
03-628-1114	PVC/PUR	☐	No	1 x 500		⚡ ⚡ ⚡	
03-628-1116	PVC	☐	Yes	1 x 500		⚡ ⚡ ⚡	



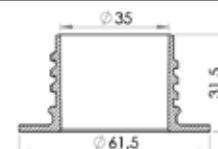
Fits with:


03-731
Threaded Nozzle, 34mm

34mm plastic nozzle with smooth bore. HF/ultrasonic weldable



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-731-1013	PVC	☐	Yes	1 x 500	❄️	⚡ ⚡ ⚡	
03-731-1017	PVC/PUR	■	No	1 x 500		⚡ ⚡ ⚡	
03-731-1021	PELD	☐	No	1 x 500		⚡	



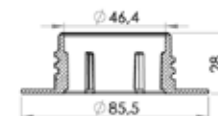
Fits with:


03-745
Threaded Nozzle, 45mm

HF/ultrasonic weldable 45mm nozzle



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-745-1003	PVC	■	Yes	1 x 400		⚡ ⚡ ⚡	
03-745-1004	PVC/PUR	■	No	1 x 400		⚡ ⚡ ⚡	



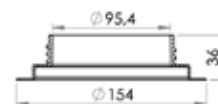
Fits with:


03-734
Threaded Nozzle, 98mm

98mm plastic nozzle with smooth internal bore. HF/ultrasonic weldable. For use in large and small containers for fluids and powders / granules



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-734-1008	PVC	■	Yes	1 x 165		⚡ ⚡ ⚡	
03-734-1010	PVC	☐	No	1 x 165		⚡ ⚡ ⚡	
03-734-1101	PELD	☐	No	1 x 165		⚡	



Fits with:



Nozzels and Caps

03-735
Threaded Nozzle, 146mm


146mm plastic nozzle. HF/ultrasonic weldable. For fluids and powders granules in large and small containers.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-735-1107	PELD		No	1 x 60			
03-735-1109	PELD		No	1 x 60			

Fits with:



03-569


03-634
Threaded Nozzle 1 1/2" (36,4 mm)


HF/ultrasonic weldable nozzle, G 1 1/2" thread, FDA/BGA approved. For use in large and small containers for fluids and powders / granules. Industry standard thread means it is compatible with a wide range of fittings.

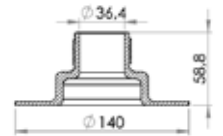
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-634-1008	PVC		Yes	1 x 90		 	

Fits with:



03-976

03-633


03-045
45mm Recessed Threaded Filler Flange

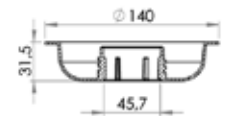

Weldable, recessed filler flange, Ø45 mm nominal bore, completely sub flush and easy access to cap, even with gloved hands.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-045-1003	PVC		No	1 x 96		 	

Fits with:



03-945


Sets
03-129
Nozzle and Cap Set, Ø98 mm bore

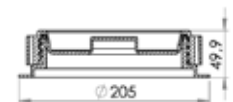

Weldable nozzle and screw cap with sealing ring, suitable for bulk containers. Paired set of 03-734 and cap 03-568. Suitable for containers from 60 to 1500 litres.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-129-7303	PVC+PEHD		No	1 x 80		 	
03-129-7401	PVC+PEHD		Yes	1 x 80		 	


03-130
Nozzle with Cap + Gasket, Ø 146mm bore


Paired set of 146mm weldable nozzle and plastic cap with 'O'-ring seal. Suitable for large and small containers.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-130-7732	PVC+PE+Rubber		Yes	1 x 48		 	

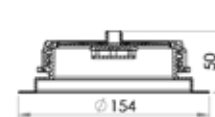


Nozzels and Caps

03-131
Nozzle with ventilated Cap, Ø 98mm bore

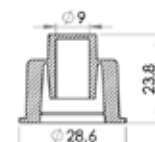

Weldable plastic flange and screw cap with built-in valve. 98mm. Suitable for containers from 60 to 1500 litres.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-131-7001	PVC+PEHD		No	1 x 80			


Complementaries
03-625
Insert for 25mm recessed Threaded Nozzle 03-628


Insert for weldable recessed 25mm nozzle, for stiffening and improved sealing. e.g. as an extra safety feature for use in water beds.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-625-1005	PVC		Yes	4 x 500			
03-625-1007	PVC		No	4 x 500			



Fits with:

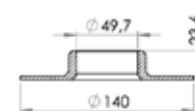


03-628 03-936

03-633
Flange for 03-634


Support flange, can be used with threaded nozzle, FDA/BGA approved

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-633-1004	PVC		Yes	1 x 135			



Fits with:

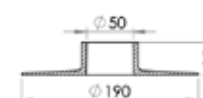


03-634

03-640
Flange B


HF/ultrasonic weldable flange with 2" bore. Often used as grommets for 2" piping in water bags e.g. in rain water recycling systems.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-640-1010	PVC		No	1 x 140			
03-640-1012	PUR		No	1 x 140			



Fits with:

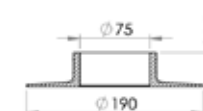


03-641

03-641
Flange A


HF/ultrasonic weldable flange with 3" bore

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-641-1007	PVC		No	1 x 110			



Fits with:



03-640

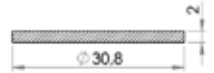
Nozzels and Caps

03-937
Gasket, 25mm for cap 03-936

Foam gasket for plastic cap 03-936.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-937-1002	Foam	<input type="checkbox"/>	No	1 x 300			



Fits with:



03-936

03-938
Gasket, 34mm for cap 03-974

Foam gasket for plastic cap 03-974



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-938-2001	Foam	<input type="checkbox"/>	No	Call for quote			



Fits with:



03-974

Valves

Modular Valve System

03-284

New Vacuum Valve incl. 'O'-ring



New ABS Vacuum valve with G 3/4" thread. A low profile valve - stable and secure - easy to open - easy to close - rapid venting. Simple design – Highly versatile.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-284-7002	ABS+Rubber	■	Yes	1 x 250			

Fits with:


03-374

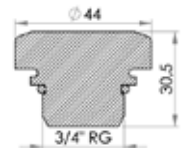
Pressure Relief Valve incl 'O'-ring



ABS Pressure Relief Valve with G 3/4" thread. A low profile relief valve opening when a predetermined pressure is reached. Nominal opening pressure 0,07 bar.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-374-7077	ABS+Metal	■	Yes	1 x 250	●		

Fits with:


03-474

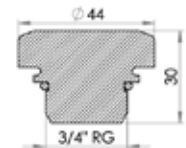
Pressure / Inflation Valve Incl. 'O'-Ring



ABS Pressure Valve / Inflation Valve. Ideal for dunnage bags and similar inflatable products up to approximately 0,3 bar.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-474-7010	ABS+Metal	■	Yes	1 x 250	●		

Fits with:


03-601

Flange with internal thread G 3/4"



HF/ultrasonic weldable plastic flange with internal G 3/4" thread. Weldable onto PVC and PUR materials. Industry standard thread, compatible with a range of Carmo fittings and those of other manufacturers.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-601-2103	PVC/PUR	■	Yes	1 x 800		⚡ ⚡ ⚡	
03-601-2113	PELD	▨	No	1 x 800		⚡	
03-601-3111	PVC	■	Yes	1 x 800		⚡ ⚡ ⚡	

Fits with:



Accessories for Modular Valves

03-199

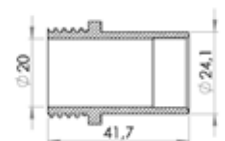
Threaded Piece



For attachment of tubing directly to the 03-601 flange. G 3/4" pipe thread, smooth body

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-199-1201	PVC	■	Yes	2 x 500			

Fits with:



Valves

03-475
Threaded Plug incl. 'O'-Ring

ABS solid plug for weldable flange 03-601

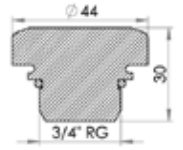


Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-475-7001	ABS+Rubber	■	Yes	Call for quote			

Fits with:



03-711 03-601 03-960


03-645
Coin Groove Cap for 03-601

Threaded plug with coin groove. For threaded plastic flange

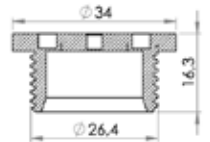


Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-645-1253	POM	■	Yes	4 x 500			

Fits with:



03-601 03-961


03-711
Cap with attachment Ring

Plastic protection cap for modular valves

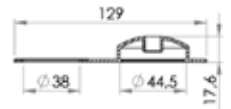


Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-711-2002	PVC	■	Yes	1 x 1.000			

Fits with:



03-274 03-374 03-474 03-475 03-601


03-714
Cap with attachment Ring, vented

PVC protection cap for Pressure Relief Valve (03-374)

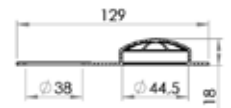


Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-714-1002	PVC	■	No	1 x 1.000			

Fits with:



03-374 03-601


03-960
Retainer Ring

Keeps the valve or plug attached to the weldable flange 03-601



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-960-1010	PVC	□	No	Call for quote			

Fits with:



03-274 03-374 03-474 03-475



Valves

03-961
Spare 'O'-Ring for 03-645, 03-199

Spare 'O'-ring for coin groove cap 03-645 or threaded piece 03-199



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-961-1002	Rubber	■	Yes	100 / 500			

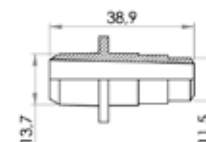
Fits with:


03-371
Pump Adaptor for vacuum valve

Adaptor for vacuum valve, allowing connection of a tube. Simple push-fit allows easy connection



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-371-0001	PA	□	No	1 x 1.000			Fits with 03-274 (EOL)
03-371-0002	PA	□	Yes	1 x 1.000			Fits with 03-284

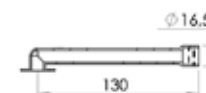

Valve Tubes
03-580
Elbow Tube 90 degrees, Ø 13mm

HF/ultrasonic weldable elbow tube, used for inflation or tube connection



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-580-1004	PVC/PUR	■	Yes	1 x 700		⚡ ☉	
03-580-1006	PVC/PUR	■	No	1 x 700		⚡ ☉	

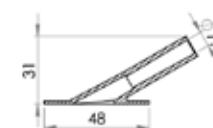
Fits with:


03-801
Angled Tube, 30 degrees, Ø 7mm

HF/ultrasonic weldable angled tube, use as inlet/outlet or tube connector



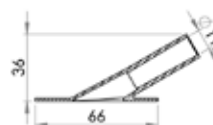
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-801-2070	PVC	□	Yes	1 x 2.000		⚡ ☉	
03-801-2072	PVC/PUR	■	No	1 x 2.000		⚡ ☉	
03-801-2076	PVC	■	No	1 x 2.000		⚡ ☉	
03-801-2078	PUR	□	No	1 x 2.000			
03-801-2079	PVC/PUR	■	No	1 x 2.000		⚡ ☉	


03-802
Angled Tube, 30 degrees, Ø 11mm

HF/ultrasonic weldable angled tube, use as inlet/outlet or tube connector



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-802-2054	PVC/PUR	■	Yes	1 x 1.000		⚡ ☉	
03-802-2058	PVC/PUR	□	No	1 x 1.000		⚡ ☉	
03-802-2060	PVC/PUR	□	No	1 x 1.000		⚡ ☉	
03-802-2062	PVC/PUR	■	No	1 x 1.000		⚡ ☉	



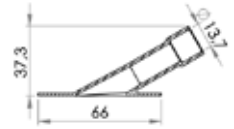
Valves

03-803
Angled Tube, Ø 14mm

HF/ultrasonic weldable angled tube, use as inlet/outlet or tube connector



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-803-0001	PVC/PUR		Yes	Call for quote			
03-803-0003	PVC/PUR		No	Call for quote			



Fits with:



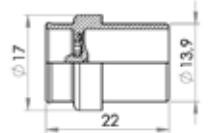
03-594

Misc. Valves
03-594
Pressure Valve for valve tubes

Plastic inflation valve for use with tube connectors



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-594-7001	ABS		No	Call for quote			



Fits with:



03-580

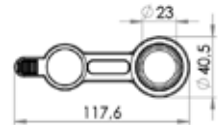
03-803

09-675
Filler/Drain Port, 23 mm

23 mm filler and drain valve for use in medical and blood bags



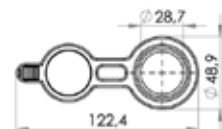
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
09-675-1034	PVC/PUR		No	1 x 1.000			
09-675-1036	PVC		No	1 x 1.000			
09-675-1038	PVC		Yes	1 x 1.000			
09-675-1072	PVC		No	1 x 1.000			
09-675-1072	PVC		No	1 x 1.000			
09-675-1075	PVC		No	1 x 1.000			
09-675-1076	PVC		No	1 x 1.000			
09-675-1076	PVC		No	1 x 1.000			


09-677
Filler/Drain Port, 28 mm

28 mm filler and drain valve for use in medical and blood bags and feeding systems



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
09-677-1121	PVC		No	1 x 700			
09-677-1122	PVC		Yes	1 x 700			
09-677-1128	PVC/PUR		No	1 x 700			
09-677-1129	PVC/PUR		No	1 x 700			
09-677-1130	PVC/PUR		No	1 x 700			



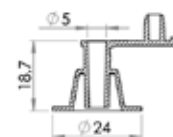
Valves

Valves for Inflatables

03-305
Inflation Valve, free-flow, fixed plug, 5mm inlet

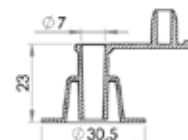

HF/ultrasonic weldable inflation valve, 5mm inlet with integrated plug. Free-flow for rapid inflation and deflation.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-305-0001	PVC		Yes	1 x 7.000			
03-305-0005	PVC		No	1 x 7.000			


03-307
Inflation Valve, free-flow, fixed plug, 7mm inlet

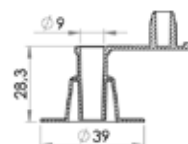

Valve for inflatables with fixed plug and 7mm inlet. Optimised for HF/RF welding. Replaces 03-612.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-307-0001	PVC		Yes	1 x 4.000			
03-307-0002	PVC		Yes	1 x 4.000			Phthalate free , EN71-3
03-307-0003	PVC/PUR		No	1 x 4.000			


03-309
Inflation Valve, free-flow, fixed plug, 9mm inlet

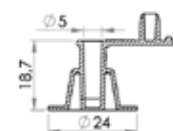

HF/ultrasonic weldable PVC inflation valve with fixed plug and 9mm inlet.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-309-0001	PVC		Yes	1 x 2.000			
03-309-0002	PVC		No	1 x 2.000			
03-309-0004	PVC/PUR		No	1 x 2.000			


03-325
Inflation Valve, non-return, fixed plug, 5mm inlet

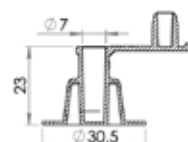

HF/ultrasonic weldable plastic inflation valve with non-return feature.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-325-0001	PVC		Yes	1 x 7.000			
03-325-0003	PVC/PUR		No	1 x 7.000			
03-325-0004	PVC/PUR		No	1 x 7.000			


03-327
Inflation Valve, non-return, fixed plug, 7mm inlet

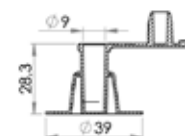

HF/ultrasonic weldable valve for inflatables.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-327-0001	PVC		Yes	1 x 4.000			
03-327-0003	PVC/PUR		No	1 x 4.000			


03-329
Inflation Valve, non-return, fixed plug, 9mm inlet


HF/ultrasonic weldable inflation valve, with non-return feature, with fixed plug.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
03-329-0001	PVC		No	1 x 2.000			
03-329-0002	PVC/PUR		No	1 x 2.000			



Grommets and Eyelets

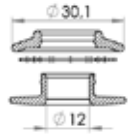
Clip Grommets

04-512

Clip Grommet Set, Ø 12mm



Plastic Clip Grommet for reinforcement of 12mm holes in textiles, awnings, tarpaulins, banners etc. Can be inserted manually. Punched hole Ø 14mm (smaller for flexible material)



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-512-7049	PP+PP	■	Yes	4 x 1.000			Incl. Washer
04-512-7051	PP+PP	□	Yes	4 x 1.000			Incl. Washer
04-512-7053	PP+PP	■	Yes	4 x 1.000			Incl. Washer
04-512-7055	PP+PP	■	Yes	4 x 1.000			Incl. Washer
04-512-7057	PP+PP	■	Yes	4 x 1.000			Incl. Washer
04-512-7059	PP+PP	■	Yes	4 x 1.000			Incl. Washer
04-512-7062	PP+PP	□	Yes	4 x 1.000			Incl. Washer
04-512-7063	PP+PP	■	Yes	4 x 1.000			Incl. Washer
04-512-7103	PP+PP	□	No	4 x 1.000			
04-512-7104	PP+PP	□	Yes	4 x 1.000			
04-512-7106	PP+PP	■	Yes	4 x 1.000			
04-512-7108	PP+PP	■	No	4 x 1.000			
04-512-7110	PP+PP	■	No	4 x 1.000			
04-512-7112	PP+PP	■	No	4 x 1.000			
04-512-7114	PP+PP	■	Yes	4 x 1.000			
04-512-7116	PP+PP	■	Yes	4 x 1.000			
04-512-7400	PP+PP	□	Yes	4 x 4 x 250			Incl. Washer
04-512-7402	PP+PP	■	Yes	4 x 4 x 250			Incl. Washer
04-512-7404	PP+PP	■	Yes	4 x 4 x 250			Incl. Washer
04-512-7406	PP+PP	■	Yes	4 x 4 x 250			Incl. Washer
04-512-7408	PP+PP	■	Yes	4 x 4 x 250			Incl. Washer
04-512-7410	PP+PP	■	Yes	4 x 4 x 250			Incl. Washer
04-512-7412	PP+PP	□	Yes	4 x 4 x 250			Incl. Washer
04-512-7414	PP+PP	■	Yes	4 x 4 x 250			Incl. Washer

Fits with:



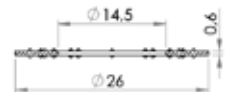
04-510 07-512

04-510

Washer for Ø 12mm Clip Grommet



Washer for use with Ø 12mm Clip Grommet, when used with thin materials (<0,8mm)



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-510-1054	EBA	■	Yes	Call for quote			
04-510-1056	EBA	□	Yes	Call for quote			
04-510-1106	EBA	□	No	Call for quote			

Fits with:



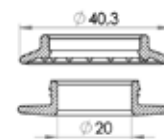
04-512

Grommets and Eyelets

04-522
Clip Grommet Set, Ø 20mm

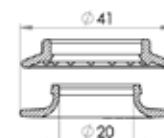

Plastic snap grommet for reinforcement of 20mm holes in textiles, awnings, tarpaulins, banners etc. Can be inserted manually. Punched hole Ø 24mm (smaller for flexible material)

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-522-7004	PP+PP		Yes	1 x 2.000			
04-522-7006	PP+PP		Yes	1 x 2.000			
04-522-7008	PP+PP		Yes	1 x 2.000			
04-522-7010	PP+PP		Yes	1 x 2.000			
04-522-7012	PP+PP		Yes	1 x 2.000			
04-522-7014	PP+PP		Yes	1 x 2.000			
04-522-7016	PP+PP		Yes	1 x 2.000			
04-522-7302	PP+PP		Yes	1 x 2.000			


Eyelets, oval and square
04-523
Ventilation Grommet Set, Ø 20mm

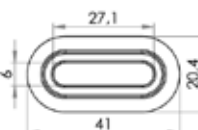

Low profile air nozzels for ventilation socks. Optimised hole geometry for low noise.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-523-7002	PP+PP		Yes	4 x 500			
04-523-7003	PP+PP		Yes	4 x 500			
04-523-7004	PC+PC		Yes	4 x 500			


04-134
Eyelet, oval, 6/27mm

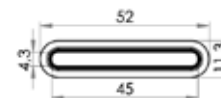

Oval PVC eyelet with square shoulders, for HF welding onto banners, tarpaulins, building wraps etc. 6x27mm hole.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-134-1004	PVC		No	4 x 3.000			


04-140
Eyelet, oval, light, 4/45mm

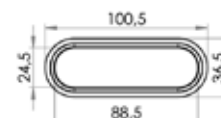

Oval PVC eyelet with rounded shoulders for HF welding onto banners, tarpaulins, building wraps etc. 4 x 45mm hole.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-140-1036	PVC		No	4 x 5.000			


04-141
Eyelet, oval, light, 24/88mm


Oval PVC eyelet with rounded shoulders for HF welding onto banners, tarpaulins, building wraps etc. 24 x 88mm hole.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-141-1005	PVC/PUR		No	1 x 2.000			

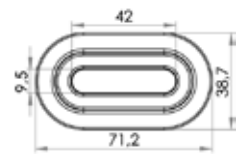


Grommets and Eyelets

04-204
Eyelet, oval, 9/42mm


Oval PVC eyelet with square shoulders for HF welding onto banners, tarpaulins, building wraps etc. 9 x 42mm hole. Forms a lock with PVC or PVC/PUR cleat 05-446

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-204-1331	PVC	■	Yes	1 x 2.500		⚡ ⚡ ⚡	
04-204-2445	PVC	■	No	1 x 2.500		⚡ ⚡ ⚡	
04-204-2447	PVC	□	No	1 x 2.500	❄️	⚡ ⚡ ⚡	
04-204-2449	PELD	□	No	1 x 2.500		⚡	



Fits with:

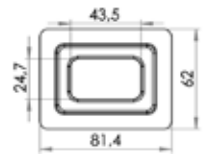


05-446

04-205
Eyelet, rectangular, 24/43mm

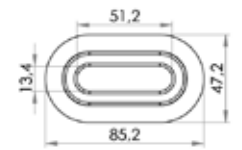

Rectangular PVC eyelet with square shoulders and 24 x 43mm hole. Typically used for hole reinforcements in banners, tarpaulins, building wraps etc.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-205-2005	PVC	■	No	1 x 500	❄️	⚡ ⚡ ⚡	
04-205-2006	PVC	■	No	1 x 500	❄️	⚡ ⚡ ⚡	
04-205-2007	PVC	■	Yes	1 x 500		⚡ ⚡ ⚡	


04-206
Eyelet, oval, 13/51mm


Oval PVC eyelet with square shoulders for HF welding onto banners, tarpaulins, building wraps etc. 13 x 51mm hole. Forms a lock with cleat 05-646

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-206-3003	PVC	■	No	1 x 1.200	❄️	⚡ ⚡ ⚡	
04-206-3004	PVC	■	Yes	1 x 1.200		⚡ ⚡ ⚡	
04-206-3010	PVC	■	No	1 x 1.200		⚡ ⚡ ⚡	
04-206-3015	PVC	■	No	1 x 1.200		⚡ ⚡ ⚡	
04-206-3016	PVC	■	No	1 x 1.200		⚡ ⚡ ⚡	
04-206-3020	PVC/PUR	■	No	1 x 1.200		⚡ ⚡ ⚡	



Fits with:

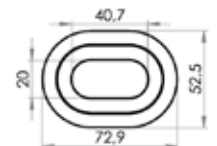


05-646

04-403
Eyelet, oval, 20/40mm

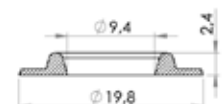

Oval PVC eyelet with square shoulders for HF welding onto banners, tarpaulins, building wraps etc. 20 x 40mm hole.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-403-1001	PVC	■	No	1 x 2.000		⚡ ⚡ ⚡	


Weldable Eyelets, round, round shoulders
04-121
Eyelet, 3/8" (9,5mm)


3/8" (9,5 mm) Plastic eyelet with round shoulders. Optimised for High Frequency (HF) welding.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-121-1007	PVC/PUR	□	No	4 x 10.000		⚡	
04-121-2001	PVC	□	Yes	4 x 10.000	❄️	⚡	
04-121-2011	PVC	■	No	4 x 10.000	❄️	⚡	



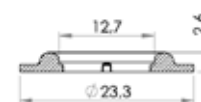
Grommets and Eyelets

04-122
Eyelet, 1/2"

1/2" Plastic eyelet with round shoulders. Optimised for High Frequency (HF) welding.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-122-3002	PVC		Yes	4 x 7.000			


04-123
Eyelet, 5/8" (15,8mm)

5/8" (15,8mm) Plastic eyelet with round shoulders. Optimised for High Frequency (HF) welding.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-123-1001	PVC		No	4 x 4.000			


04-125
Eyelet, 1" (25 mm)

1" (25 mm) Plastic eyelet with round shoulders. Optimised for High Frequency (HF) welding.



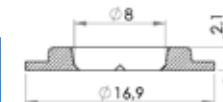
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-125-1001	PVC		No	4 x 3.000			
04-125-1002	PUR		No	4 x 3.000			


Weldable Eyelets, round, square shoulders
04-100
Eyelet, 8mm

8mm Plastic eyelet with square shoulders. Optimised for High Frequency (HF) welding.



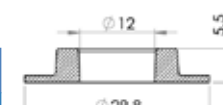
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-100-4083	PVC		Yes	4 x 15.000			


04-101
Eyelet, heavy, 11/30mm

11/30mm PVC eyelet with square shoulders. Heavy duty design for demanding applications. Optimised for High Frequency (HF) welding.



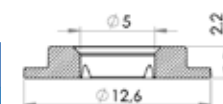
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-101-1102	PVC		No	4 x 2.000			


04-111
Eyelet, 5mm

5mm Plastic eyelet with square shoulders. Optimised for High Frequency (HF) welding.



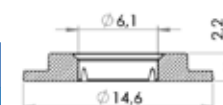
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-111-2002	PVC		Yes	5 x 20.000			
04-111-2004	PVC/PUR		No	5 x 20.000			


04-112
Eyelet, 6,5mm

6,5mm Plastic eyelet with square shoulders. Typically used as hole reinforcements in banners, tarpaulins, building wraps etc.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-112-2001	PVC		Yes	4 x 20.000			

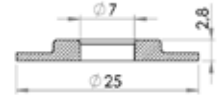


Grommets and Eyelets

04-274
Eyelet, heavy, 7/25mm


7/25mm heavy duty plastic eyelet, with square shoulders. Optimised for HF welding. Typically used for hole reinforcements in banners, tarpaulins, building wraps etc.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-274-1002	PVC		Yes	5 x 5.000			


04-275
Eyelet, heavy, 11/27mm

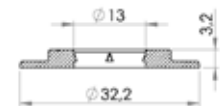

11/27mm heavy duty plastic eyelet with square shoulders. Optimised for HF welding and use in automatic machines

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-275-1302	PVC		Yes	4 x 4.000			Bulk
04-275-1304	PVC		Yes	4 x 4.000			Bulk
04-275-1310	PVC		No	4 x 4.000			Bulk
04-275-1312	PVC		No	4 x 4.000			Bulk
04-275-1314	PVC/PUR		No	4 x 4.000			Bulk
04-275-1318	PELD		No	4 x 4.000			Bulk
04-275-1322	PVC		No	4 x 4.000			Bulk
04-275-1352	PVC		Yes	80 x 175			Stacked
04-275-1354	PVC		Yes	80 x 175			Stacked
04-275-1356	PVC		Yes	80 x 175			Stacked
04-275-1358	PVC/PUR		No	80 x 175			Stacked


04-276
Eyelet, heavy, 13/32mm, Stacked

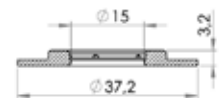

13/32mm heavy duty plastic eyelet with square shoulders. Optimised for HF welding and use in automatic machines.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-276-2001	PVC		Yes	69 x 175			
04-276-2051	PVC		Yes	69 x 175			
04-276-2053	PVC		No	69 x 175			


04-277
Eyelet, heavy, 15/37mm, Stacked


15/37mm heavy duty plastic eyelet with square shoulders. Optimised for HF welding and use in automatic machines

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-277-1024	PVC/PUR		No	29 x 175			
04-277-3104	PVC		Yes	29 x 175			
04-277-3106	PVC		Yes	29 x 175			
04-277-3117	PVC		Yes	29 x 175			
04-277-3200	PVC		No	29 x 175			



Fits with:



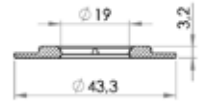
05-200

Grommets and Eyelets



Eyelet, heavy, 19/43mm, Stacked

19/43mm heavy duty plastic eyelet with square shoulders. Optimised for HF welding and use in automatic machines.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-278-1002	PVC	■	Yes	32 x 175		⚡	
04-278-1003	PVC	■	Yes	32 x 175	❄️	⚡	
04-278-1007	PVC	■	No	32 x 175	❄️	⚡	
04-278-1009	PVC	■	No	32 x 175		⚡	
04-278-1011	PVC	□	Yes	32 x 175		⚡	
04-278-1019	PVC	■	No	32 x 175		⚡	
04-278-1026	PELD	■	No	32 x 175			
04-278-1029	PVC	■	Yes	32 x 175		⚡	
04-278-1040	PVC	■	No	32 x 175		⚡	
04-278-1041	PVC	■	No	32 x 175		⚡	
04-278-1049	PVC/PUR	■	No	32 x 175		⚡	
04-278-1055	PVC	■	No	32 x 175		⚡	
04-278-1057	PVC	■	No	32 x 175		⚡	

Fits with:

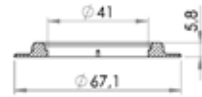


05-200



Eyelet, 40/67mm, heavy

40/67mm heavy duty plastic eyelet with square shoulders. Optimised for HF welding and use in automatic machines.



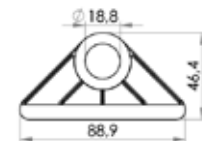
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-279-1002	PVC	■	Yes	1 x 1.500		⚡	
04-279-1011	PVC	■	No	1 x 1.500		⚡	

Ready to use Eyelet Borders and Corners



Triangular Attachment Eyelet

PVC corner, widely used for attaching guy lines to tents, marquees, tarpaulins. Can be either HF welded or sewn on.

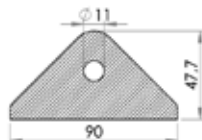


Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-105-2000	PVC	■	Yes	4 x 1.000	❄️	⚡	

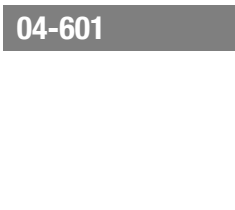


Triangel with Eyelet 11/27

Triangular eyelet reinforcement, with Carmo 11/27 eyelet on standard gauge vinyl



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-106-7013	PVC+PVC	■	No	2 x 2.500		⚡	



Eyelet Border, 85mm x 50m roll

Eyelet border with pre-welded PVC eyelets - Simply align, overlap edges and weld or simply sew up! White PVC with natural colour eyelets.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
04-601-7277			No	1 x 50m	❄️		

Cleats and Linesupport

Cleats

05-046
Cleat/line Support, heavy duty

Heavy duty cleat/line support with oval hole. HF weldable to PVC sheets and foils.

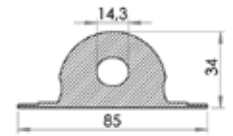


Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-046-1002	PVC		No	1 x 600			

Fits with:



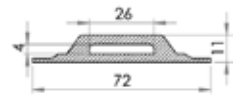
04-206


05-441
Cleat, 26/4mm

HF weldable plastic cleat suitable for 1" (25mm) webbing



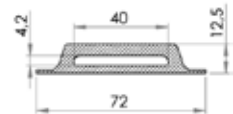
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-441-2504	PVC		No	1 x 1.000			
05-441-2507	PVC		No	1 x 1.000			
05-441-2508	PVC/PUR		No	1 x 1.000			
05-441-2509	PVC		Yes	1 x 1.000			


05-442
Cleat, 40/4mm

Reinforced HF weldable plastic cleat, suitable for 1" (38mm) webbing.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-442-1001	PVC		Yes	1 x 1.500			
05-442-1002	PVC/PUR		No	1 x 1.500			


05-446
Cleat, 26/15mm

Multi purpose plastic cleat that can be HF welded onto PVC and PVC/PUR foils and material.

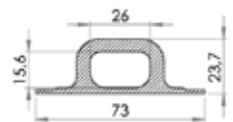


Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-446-3000	PVC/PUR		Yes	1 x 1.000			

Fits with:



04-204


05-646
Cleat, 25/20mm

A multi purpose HF weldable cleat for attachment of ropes, straps, hooks and carabiners.

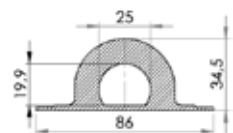


Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-646-2034	PVC		Yes	1 x 600			
05-646-2201	PVC		Yes	1 x 600			
05-646-2207	PVC		No	1 x 600			
05-646-2209	PVC/PUR		No	1 x 600			
05-646-2211	PEHD		No	1 x 600			

Fits with:



04-206



Cleats and Linesupport

Linesupports and Handles

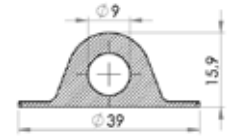
05-146

Line Support, round base, 9/39mm



HF weldable Line support with 39mm round base, suitable for rope or shock cord with diameter up to Ø 9mm.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-146-2202	PVC	■	Yes	1 x 3.000		⚡ ⚡ ⚡	
05-146-2204	PVC	▨	Yes	1 x 3.000		⚡ ⚡ ⚡	
05-146-2206	PVC/PUR	■	No	1 x 3.000		⚡ ⚡ ⚡	

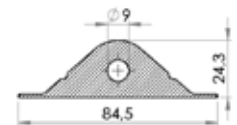

05-147

Line Support, 9/85mm



HF weldable Line support suitable for use with rope or shock cord of diameter up to 9mm.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-147-1303	PVC	■	No	1 x 1.000		⚡ ⚡ ⚡	
05-147-2001	PVC	■	No	1 x 1.000		⚡ ⚡ ⚡	

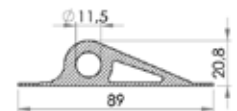

05-148

Line Support, 12/90mm



HF weldable PVC line support, with a rectangular base. suitable for use with rope or shock cord of diameter up to 11mm.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-148-2002	PVC	■	No	1 x 800		⚡ ⚡ ⚡	
05-148-2004	PVC		No	1 x 800		⚡ ⚡ ⚡	

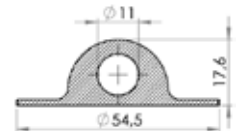

05-246

Line Support, round base, 11/55mm



HF weldable Linesupport, 56 mm round base suitable for use with rope or shock cord of diameter up to 11mm.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-246-2106	PVC	▨	No	1 x 1.600		⚡ ⚡ ⚡	
05-246-3102	PVC	■	Yes	1 x 1.600		⚡ ⚡ ⚡	
05-246-3104	PVC	□	No	1 x 1.600		⚡ ⚡ ⚡	
05-246-3106	PVC	■	No	1 x 1.600		⚡ ⚡ ⚡	

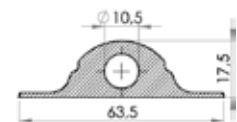

05-247

Line Support, round base 11/64mm



HF weldable Linesupport. For rope, wire or shock cord up to 11 mm. 65mm round base.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-247-2101	PVC	■	Yes	1 x 1.200		⚡ ⚡ ⚡	
05-247-2103	PVC	■	Yes	1 x 1.200		⚡ ⚡ ⚡	
05-247-2105	PVC	□	No	1 x 1.200		⚡ ⚡ ⚡	
05-247-2109	PVC/PUR	■	No	1 x 1.200		⚡ ⚡ ⚡	
05-247-2111	PVC	■	No	1 x 1.200		⚡ ⚡ ⚡	
05-247-2113	PVC	▨	No	1 x 1.200		⚡ ⚡ ⚡	
05-247-2115	PVC	■	No	1 x 1.200		⚡ ⚡ ⚡	
05-247-2116	PVC	■	No	1 x 1.200		⚡ ⚡ ⚡	

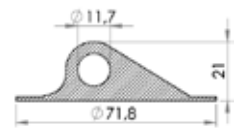


Cleats and Linesupport

05-248
Line Support, round base, 11/72mm


High frequency weldable PVC/PUR line support. Can be used with rope or shock cord. of diameter up to 11mm. 72mm round base

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-248-1004	PVC/PUR	■	Yes	1 x 1.000		⚡ ⚡ ⚡	


05-431
Tarpaulin Hook

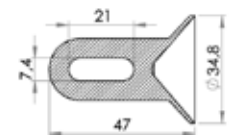

High frequency weldable PVC hook for up to 8mm diameter rope or shock cord.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-431-1002	PVC	■	Yes	1 x 1.250		⚡ ⚡ ⚡	
05-431-1008	PVC	■	No	1 x 1.250		⚡ ⚡ ⚡	


Related Parts
05-145
Corner and Loop

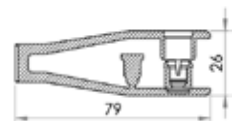

Weldable corner with loop for use on tents, for attachment of guy ropes and lines

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-145-1101	PVC	■	Yes	1 x 2.500		⚡ ⚡ ⚡	


05-200
Car-Lo Lock Clamp with Plug


Clamp for attaching banners, tarpaulins etc.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-200-2101	PEHD	■	Yes	1 x 1.800			
05-200-2103	PEHD	■	No	1 x 1.800			



Fits with:

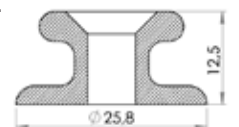


04-277 04-278

05-201
Anchoring Point for Ladderstrap

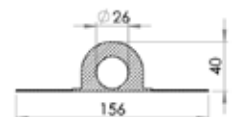

A versatile attachment point for rope, shock cord, straps etc. for securing tarpaulins, banners, trailer covers.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-201-1102	PEHD	■	Yes	5 x 500			
05-201-1103	PEHD	■	No	5 x 500			


05-684
Rowlock, solid

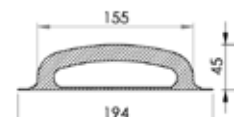

Plastic Rowlock for use on inflatables, dinghies, boats etc. HF Weldable

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-684-1040	PVC	■	No	1 x 225	⚡	⚡ ⚡ ⚡	


05-686
Handle


Handle for use on inflatables, dinghies, boats, Gym mattresses etc.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-686-1206	PVC	■	Yes	1 x 125		⚡ ⚡ ⚡	
05-686-1210	PVC	■	No	1 x 125		⚡ ⚡ ⚡	
05-686-1211	PVC	■	No	1 x 125		⚡ ⚡ ⚡	

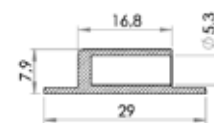


Cleats and Linesupport

05-996
Umbrella Tip

 Weldable anchor point, suitable for structures stiffened with \varnothing 5mm rods, e.g. Umbrellas, tents, covers etc.

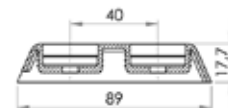

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-996-1002	PVC		Yes	1 x 10.000			


06-215
Shroud, 2 holes

Shroud for bolts. For use on curtain side truck trailers



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-215-2152	PELD		Yes	1 x 700			
06-215-2175	PELD		No	1 x 700			



Fits with:



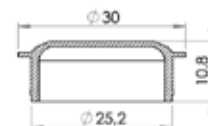
06-216

06-216
Cap for Schroud 06-215

Cap to cover bolt installation holes. Secure press-fit.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-216-1102	PEHD		Yes	4 x 1.400			



Fits with:



06-215

Miscellaneous Products

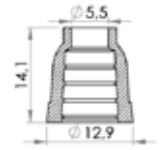
Curtain Rings

06-739
Tassel, 5,2mm

Plastic Tassel for cord end finishing



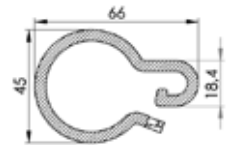
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-739-1201	PEHD		Yes	4 x 5.000			
06-739-1203	PEHD		No	4 x 5.000			
06-739-1213	PEHD		No	4 x 5.000			


06-141
Curtain Hanger

One piece plastic curtain hanger, simply clips together



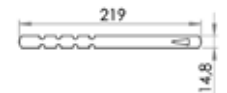
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-141-2001	ABS		Yes	1 x 5.000			


06-912
Curtain Strap

Plastic loop for securing curtains



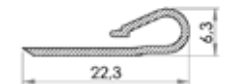
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-912-1016	PELD		No	1 x 10.000			


06-901
Curtain Rail

Plastic connection seam for joining sheets, curtains etc.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-901-1012	PELD		Yes	4x100m		€	



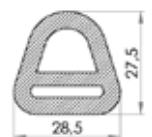
Nylon Rings

06-811
A-Ring, 20mm

PA Nylon A-ring suitable for 20mm webbing.



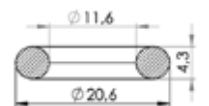
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-811-1102	PA		No	4 x 3.000			


06-821
Ring, 12/21mm

Nylon (PA) ring with 12mm inner diameter.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-821-1001	PA		No	4 x 5.000			
06-821-1003	PA		No	4 x 5.000			
06-821-1004	PA		No	4 x 5.000			
06-821-1005	PA		No	4 x 5.000			


06-822
Ring, 19/27mm

Nylon (PA) ring with 19mm inner diameter



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-822-1002	PA		Yes	4 x 3.000			



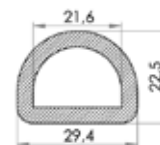
Miscellaneous Products

06-832
D-Ring, 22mm

22mm nylon D-ring for use as attachment ring, webbing attachment etc.



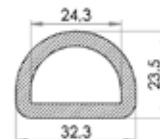
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-832-1002	PA		Yes	4 x 3.000			


06-833
D-Ring, 25mm

25mm nylon D-ring for use as attachment ring, webbing attachment etc.



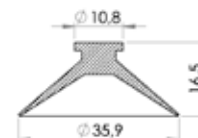
Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-833-1001	PA		Yes	4 x 3.000			


Suction Cups
05-132
Suction Cup

Plastic suction cup



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-132-2002	PVC		Yes	1 x 4.000			
05-132-2004	PVC		No	1 x 4.000			



Fits with:



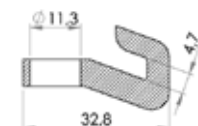
05-932

05-932
Hook for Suction Cup

Plastic hook for use with suction cup



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
05-932-1013	PEHD		No	4 x 2.500			



Fits with:



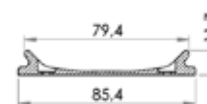
05-132

Miscellaneous
06-761
Binder Loop Stabiliser

Loop stabiliser for binders/ lever arch files.



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-761-1200	PEHD		No	1 x 5.000			
06-761-1201	PEHD		Yes	1 x 5.000			


06-814
Edge Protector

Protects goods secured by straps during transport



Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-814-1032	PEHD		Yes	1 x 2.000			


Properties:


Cold-resistant



UV-resistant



Oil-resistant


 Reinforced/
Armed

32

Use:

 HF
weldable

 Ultrasonic
weldable


Glueable



Sterilizable

Machines & Glue

Welding Machines

6010

Automatic high speed Welding Machine for single sided HF welding of small eyelets.



The 6010 is a stationary eyeletting machine for single sided punching and welding of small (5mm and 8 mm) PVC eyelets. Must be connected to power, HF generator and compressed air.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
07-768-7000			No	1 x 1			
07-768-7051			No	1 x 1			



Fits with:



04-100 04-111

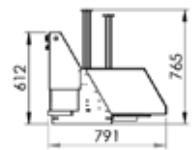
CP8

Automatic Welding Machine for single sided and double sided HF welding of eyelets



High speed double sided welding. Needs connection to Power, HF generator and compressed air.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
07-763-7015			Yes	1 x 1			
07-763-7025			Yes	1 x 1			
07-763-7035			No	1 x 1			
07-763-7045			No	1 x 1			



Fits with:



04-275 04-276 04-277 04-278

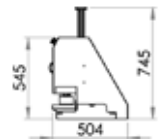
CP9

Automatic Welding Machine for single sided HF welding of eyelets



High speed single sided welding. Must be connected to Power, HF generator and compressed air.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
07-764-7002			Yes	1 x 1			
07-764-7004			Yes	1 x 1			
07-764-7005			Yes	1 x 1			
07-764-7006			Yes	1 x 1			



Fits with:



04-275 04-276 04-277 04-278

EP3

Manual Welding Tool for eyelets



Manual single and double sided welding. Must be attached to HF generator. Additional electrodes sold separately

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
07-750-7025			No	1 x 1			
07-750-7030			No	1 x 1			
07-750-7150			No	1 x 1			
07-750-7200			No	1 x 1			



Welding Tools

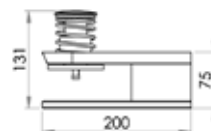
UG4

Electrodestand for HF bar welders



For welding Carmo eyelets in existing bar welders. Electrodes sold separately depending on geometry of parts to weld

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
07-711-0020			Yes	1 x 1			
07-711-0030			Yes	1 x 1			
07-711-0032			Yes	1 x 1			
07-711-0040			Yes	1 x 1			



Carmo Clip Tool

07-512

Clip Fitting Tool for 12mm Clip Grommets (04-512)



The Carmo Snap grommet tool is a manual tool for small scale production or field repairs of plastic grommets and our line of PVC clip grommets.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
07-512-7001			Yes	1 x 1			

Fits with:



04-512

Carmo Seal

06-926

Carmo Seal



PVC Glue for soft PVC. Please note: Class 3 hazardous goods. Special shipping requirements and fees apply.

Variant	Material	Color	Stock	Pack	Properties	Use	Comments
06-926-1001			Yes	1 x 1			
06-926-2002			Yes	1 x 1			



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