



Weldalloy
Hose Protection

LoVen
Vinyl Products



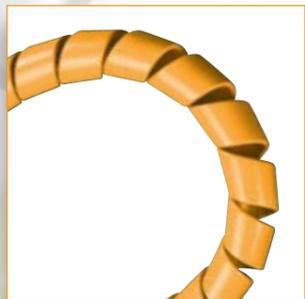
caplugs® in europe

CAPPLUGS® IN EUROPE

Caplugs® is a worldwide leader in plastic moulding, with over 70 years of experience serving a wide range of industries and customers across the globe. As the longtime industry leader in the U.S., Caplugs® has grown our manufacturing footprint in Europe.

We are committed to maintaining the high levels of product quality and service our customers expect and have acquired leaders in plastic moulding across Europe to provide local manufacturing, engineering capabilities and a technical service team with years of experience.

Caplugs® Europe will continue to grow. With time, we will have the largest catalogue offering and the most comprehensive custom moulding capabilities available from a single source.



World's Leading Manufacturer of Spiral Protective Wrap

Weldalloy Europe
Chemin preuscamp 18
7822 Meslin L'évêque, Belgium



European Market Leader in Special and Dip Moulded Products

LoVen Special Products
Nieuwe Waterweg 10
5347 JS Oss, Netherlands



Worldwide Leader in Product Protection

If you are interested in the full range of Caplugs® products not yet manufactured in Europe, please contact our team of experts at our Europe headquarters (+31) 73 643 02 88 or email them at info.eu@caplugs.com.

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The following tolerance information is for reference purposes only and is intended as an indication of the types of tolerances that can be achieved based on typical parts produced by Caplugs. For a tolerance assessment for a specific part, please contact a Technical Sales Representative at +31 73 643 02 88 or info.eu@caplugs.com.

All statements, technical information, and recommendations related to Caplugs products are based on information believed to be reliable, however, the accuracy or completeness is not guaranteed. Before using any Caplugs product you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in Caplugs current publications or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of Caplugs.

LOVEN PRODUCTS



LoVen has been a trusted supplier of vinyl protection and coatings for over 20 years and a market leader in special and standard dip moulded products in Europe.

LoVen is owned by Caplugs®, an industry leader in plastic moulding since 1948. While Caplugs® began in the United States, we continue to grow globally, adding manufacturing locations to broaden our reach, product offering and moulding capabilities. Committed to excellence in service, our goal is not just to sell globally, but to have manufacturing facilities and direct sales people located near our customers for their convenience.

Caplugs® purchased LoVen Vinyl Products in the Netherlands and Weldalloy Hose Protection in Belgium in 2018. Today, the companies have integrated under the Caplugs name to provide one comprehensive offering of vinyl components and hose protection. We still have the same teams of experts in our Holland and Belgium facilities that remain focused on product quality and customer service. As Caplugs® continues to grow, we will integrate even more capabilities and new products to be your single source and trusted partner for all your product protection and custom moulding needs.



GET TO KNOW OUR VINYL CAPABILITIES

get to know our vinyl capabilities

Vinyl Dip Coating

- Apply an attractive and durable vinyl dip coating to your metal parts



Bellows and Covers

- Our customers commonly need bellows and covers custom designed for them. We have designed hundreds of different sizes, styles and colours of bellows and covers.

Leader in Dip Moulded Vinyl

- Quality of vinyl - We blend our own plastisol in-house for total control of our non-phthalate vinyl
- All production is done in-house using our MES system to ensure consistent and efficient quality
- With our full process done in house, we have short lead times and deliver parts when you need them



Comprehensive In-House Design and Production Capabilities

- We specialize in custom moulding, making the process easy and economical
- Our team will work with you one-on-one to design a part to meet your specific needs
- We build our own tooling and run all products in-house for the most efficient process
- Choose from thousands of colours or let us colour match to meet your specific shade



FLEXIBLE VINYL CAPS



LoVen Product Line

VC Series

VC Series vinyl caps are flexible and durable protective closures that are ideal for use as thread protectors, dust and moisture seals, pipe and stud end colour coding, for masking during painting and a wide variety of other applications.

- 150+ sizes available
- Stocked in diameters ranging from 2 mm to 203 mm
- Custom lengths available using existing tools
- Flexible vinyl provides a snug fit
- Provides a finished look to open pipe and tube ends
- Free sample requests are for parts listed in chart only
- New sizes are always being added

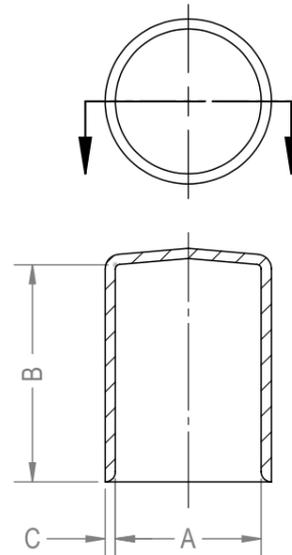
Material: Vinyl

Standard Colours: Black 70 Shore, Yellow 70 Shore, Red 60 Shore

Note: Additional colours available, but not stocked:

- Blue 70 Shore
- Gray 70 Shore
- Orange 70 Shore
- Green 70 Shore
- Colour Matching Available

- Parts can be made in a variety of lengths and colours. Please contact your Customer Service Representative for more information.
- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VC-0020-0130	2	0.0787	13	0.512	1	0.039	5000	1000
VC-0028-0130	2.8	0.1102	13	0.512	1	0.039	5000	1000
VC-0030-0130	3	0.1181	13	0.512	1.3	0.051	5000	1000
VC-0032-0130	3.2	0.1240	13	0.512	1.3	0.051	5000	1000
VC-0035-0130	3.5	0.1378	13	0.512	1.3	0.051	5000	1000
VC-0035-0190	3.5	0.1378	19	0.748	1.3	0.051	5000	1000
VC-0039-0130	3.9	0.1535	13	0.512	1.3	0.051	5000	1000
VC-0039-0190	3.9	0.1535	19	0.748	1.3	0.051	5000	1000
VC-0044-0130	4.4	0.1720	13	0.512	1.3	0.051	5000	1000
VC-0044-0190	4.4	0.1720	19	0.748	1.3	0.051	5000	1000
VC-0048-0130	4.8	0.1890	13	0.512	1.3	0.051	5000	1000
VC-0048-0190	4.8	0.1890	19	0.748	1.3	0.051	5000	1000
VC-0050-0130	5	0.1969	13	0.512	1.3	0.051	5000	1000
VC-0050-0190	5	0.1969	19	0.748	1.3	0.051	5000	1000
VC-0053-0130	5.2	0.2047	13	0.512	1.3	0.051	5000	1000
VC-0053-0190	5.2	0.2047	19	0.748	1.3	0.051	5000	1000
VC-0055-0130	5.5	0.2165	13	0.512	1.3	0.051	5000	1000
VC-0055-0190	5.5	0.2165	19	0.748	1.3	0.051	5000	1000
VC-0058-0130	5.8	0.2283	13	0.512	1.3	0.051	5000	1000
VC-0058-0190	5.8	0.2283	19	0.748	1.3	0.051	5000	1000
VC-0063-0130	6.3	0.2480	13	0.512	1.3	0.051	5000	1000
VC-0063-0190	6.3	0.2480	19	0.748	1.3	0.051	5000	1000
VC-0070-0130	7	0.2756	13	0.512	1.3	0.051	5000	1000
VC-0070-0190	7	0.2756	19	0.748	1.3	0.051	5000	1000
VC-0075-0130	7.5	0.2953	13	0.512	1.3	0.051	5000	1000
VC-0075-0190	7.5	0.2953	19	0.748	1.3	0.051	5000	1000
VC-0079-0130	7.9	0.3110	13	0.512	1.3	0.051	5000	1000
VC-0079-0190	7.9	0.3110	19	0.748	1.3	0.051	5000	1000
VC-0083-0130	8.3	0.3268	13	0.512	1.3	0.051	5000	1000
VC-0083-0190	8.3	0.3268	19	0.748	1.3	0.051	5000	1000
VC-0087-0130	8.7	0.3425	13	0.512	1.3	0.051	5000	1000
VC-0087-0190	8.7	0.3425	19	0.748	1.3	0.051	5000	1000
VC-0090-0130	9	0.3543	13	0.512	1.3	0.051	5000	1000
VC-0090-0190	9	0.3543	19	0.748	1.3	0.051	5000	1000
VC-0093-0130	9.3	0.3661	13	0.512	1.3	0.051	5000	1000
VC-0093-0190	9.3	0.3661	19	0.748	1.3	0.051	5000	1000
VC-0095-0130	9.5	0.3740	13	0.512	1.3	0.051	5000	1000
VC-0095-0190	9.5	0.3740	19	0.748	1.3	0.051	5000	1000
VC-0100-0130	10	0.3937	13	0.512	1.3	0.051	5000	1000
VC-0100-0190	10	0.3937	19	0.748	1.3	0.051	5000	1000
VC-0111-0130	11.1	0.4370	13	0.512	1.3	0.051	5000	1000
VC-0111-0190	11.1	0.4370	19	0.748	1.3	0.051	5000	1000
VC-0116-0130	11.6	0.4567	13	0.512	1.3	0.051	5000	1000
VC-0116-0190	11.6	0.4567	19	0.748	1.3	0.051	5000	1000

Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VC-0120-0130	12	0.4724	13	0.512	1.3	0.051	5000	1000
VC-0120-0190	12	0.4724	19	0.748	1.3	0.051	5000	1000
VC-0125-0130	12.5	0.4921	13	0.512	1.5	0.059	5000	1000
VC-0125-0190	12.5	0.4921	19	0.748	1.5	0.059	5000	1000
VC-0131-0130	13.1	0.5157	13	0.512	1.5	0.059	2500	500
VC-0131-0190	13.1	0.5157	19	0.748	1.5	0.059	2500	500
VC-0135-0130	13.5	0.5315	13	0.512	1.5	0.059	2500	500
VC-0135-0190	13.5	0.5315	19	0.748	1.5	0.059	2500	500
VC-0138-0130	13.8	0.5433	13	0.512	1.5	0.059	2500	500
VC-0138-0190	13.8	0.5433	19	0.748	1.5	0.059	2500	500
VC-0143-0130	14.3	0.5630	13	0.512	1.5	0.059	2500	500
VC-0143-0190	14.3	0.5630	19	0.748	1.5	0.059	2500	500
VC-0150-0130	15	0.0000	13	0.512	1.5	0.059	2500	500
VC-0150-0190	15	0.0000	19	0.748	1.5	0.059	2500	500
VC-0155-0130	15.5	0.6102	13	0.512	1.5	0.059	2500	500
VC-0155-0250	15.5	0.6102	25	0.984	1.5	0.059	2500	500
VC-0158-0130	15.8	0.6220	13	0.512	1.5	0.059	2500	500
VC-0158-0250	15.8	0.6220	25	0.984	1.5	0.059	2500	500
VC-0170-0130	17	0.6693	13	0.512	1.5	0.059	2500	500
VC-0170-0250	17	0.6693	25	0.984	1.5	0.059	2500	500
VC-0174-0130	17.4	0.6850	13	0.512	1.5	0.059	2500	500
VC-0174-0250	17.4	0.6850	25	0.984	1.5	0.059	2500	500
VC-0174-0380	17.4	0.6850	38	1.496	1.5	0.059	2500	500
VC-0180-0130	18	0.7087	13	0.512	1.5	0.059	2500	500
VC-0180-0250	18	0.7087	25	0.984	1.5	0.059	2500	500
VC-0186-0130	18.6	0.7323	13	0.512	1.5	0.059	2500	500
VC-0186-0250	18.6	0.7323	25	0.984	1.5	0.059	2500	500
VC-0190-0130	19	0.7480	13	0.512	1.5	0.059	2500	500
VC-0190-0250	19	0.7480	25	0.984	1.5	0.059	2500	500
VC-0190-0380	19	0.7480	38	1.496	1.5	0.059	2500	500
VC-0200-0130	20	0.7874	13	0.512	1.5	0.059	2500	500
VC-0200-0250	20	0.7874	25	0.984	1.5	0.059	2500	500
VC-0200-0380	20	0.7874	38	1.496	1.5	0.059	2500	500
VC-0206-0130	20.6	0.8110	13	0.512	1.5	0.059	2500	500
VC-0206-0250	20.6	0.8110	25	0.984	1.5	0.059	2500	500
VC-0206-0380	20.6	0.8110	38	1.496	1.5	0.059	2500	500
VC-0214-0130	21.4	0.8425	13	0.512	1.5	0.059	2500	500
VC-0214-0250	21.4	0.8425	25	0.984	1.5	0.059	2500	500
VC-0214-0380	21.4	0.8425	38	1.496	1.5	0.059	2500	500
VC-0220-0130	22	0.8661	13	0.512	1.7	0.067	2500	500
VC-0220-0250	22	0.8661	25	0.984	1.7	0.067	2500	500
VC-0220-0380	22	0.8661	38	1.496	1.7	0.067	2500	500

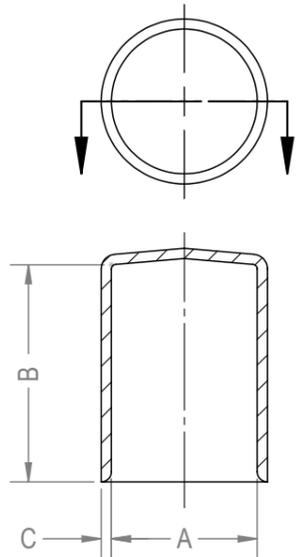
FLEXIBLE VINYL CAPS



LoVen Product Line

VC Series (cont.)

VC Series vinyl caps are flexible and durable protective closures that are ideal for use as thread protectors, dust and moisture seals, pipe and stud end colour coding, for masking during painting and a wide variety of other applications.



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VC-0230-0130	23	0.9055	13	0.512	1.7	0.067	2500	500
VC-0230-0250	23	0.9055	25	0.984	1.7	0.067	2500	500
VC-0230-0380	23	0.9055	38	1.496	1.7	0.067	2500	500
VC-0238-0130	23.8	0.9370	13	0.512	1.7	0.067	2500	500
VC-0238-0250	23.8	0.9370	25	0.984	1.7	0.067	2500	500
VC-0238-0380	23.8	0.9370	38	1.496	1.7	0.067	2500	500
VC-0250-0130	25	0.9843	13	0.512	1.7	0.067	2500	500
VC-0250-0250	25	0.9843	25	0.984	1.7	0.067	2500	500
VC-0250-0380	25	0.9843	38	1.496	1.7	0.067	2500	500
VC-0254-0130	25.4	1.0000	13	0.512	1.7	0.067	2500	500
VC-0254-0250	25.4	1.0000	25	0.984	1.7	0.067	2500	500
VC-0254-0380	25.4	1.0000	38	1.496	1.7	0.067	2500	500
VC-0264-0130	26.4	1.0394	13	0.512	1.7	0.067	2500	500
VC-0264-0250	26.4	1.0394	25	0.984	1.7	0.067	2500	500
VC-0264-0380	26.4	1.0394	38	1.496	1.7	0.067	2500	500
VC-0270-0130	27	1.0630	13	0.512	1.7	0.067	2500	500
VC-0270-0250	27	1.0630	25	0.984	1.7	0.067	2500	500
VC-0270-0380	27	1.0630	38	1.496	1.7	0.067	2000	400
VC-0286-0130	28.6	1.1260	13	0.512	1.7	0.067	2500	500
VC-0286-0250	28.6	1.1260	25	0.984	1.7	0.067	2500	500
VC-0286-0380	28.6	1.1260	38	1.496	1.7	0.067	2000	400
VC-0300-0250	30	1.1811	25	0.984	1.7	0.067	1000	200
VC-0300-0380	30	1.1811	38	1.496	1.7	0.067	1000	200
VC-0318-0250	31.8	1.2520	25	0.984	1.7	0.067	1000	200
VC-0318-0380	31.8	1.2520	38	1.496	1.7	0.067	1000	200
VC-0335-0250	33.5	1.3189	25	0.984	1.7	0.067	1000	200
VC-0335-0380	33.5	1.3189	38	1.496	1.7	0.067	1000	200
VC-0350-0250	35	1.3780	25	0.984	1.7	0.067	1000	200
VC-0350-0380	35	1.3780	38	1.496	1.7	0.067	1000	200
VC-0365-0250	36.5	1.4370	25	0.984	1.7	0.067	500	100
VC-0365-0380	36.5	1.4370	38	1.496	1.7	0.067	500	100
VC-0381-0250	38.1	1.5000	25	0.984	1.7	0.067	500	100
VC-0381-0380	38.1	1.5000	38	1.496	1.7	0.067	500	100
VC-0400-0250	40	1.5748	25	0.984	1.7	0.067	500	100
VC-0400-0380	40	1.5748	38	1.496	1.7	0.067	500	100
VC-0413-0250	41.3	1.6260	25	0.984	1.7	0.067	500	100
VC-0413-0380	41.3	1.6260	38	1.496	1.7	0.067	500	100
VC-0424-0250	42.4	1.6693	25	0.984	1.7	0.067	500	100
VC-0424-0380	42.4	1.6693	38	1.496	1.7	0.067	500	100
VC-0444-0250	44.4	1.7480	25	0.984	1.7	0.067	500	100
VC-0444-0380	44.4	1.7480	38	1.496	1.7	0.067	500	100
VC-0476-0250	47.6	1.8756	25	0.984	1.7	0.067	500	100
VC-0476-0380	47.6	1.8756	38	1.496	1.7	0.067	500	100
VC-0500-0250	50	1.9685	25	0.984	1.7	0.067	250	50
VC-0500-0380	50	1.9685	38	1.496	1.7	0.067	250	50

Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VC-0508-0250	50.8	2.000	25	0.984	1.7	0.067	250	50
VC-0508-0380	50.8	2.000	38	1.496	1.7	0.067	250	50
VC-0530-0250	53	2.0866	25	0.984	1.7	0.067	250	50
VC-0530-0380	53	2.0866	38	1.496	1.7	0.067	250	50
VC-0540-0250	54	2.1260	25	0.984	1.7	0.067	250	50
VC-0540-0380	54	2.1260	38	1.496	1.7	0.067	250	50
VC-0570-0250	57	2.2441	25	0.984	1.7	0.067	250	50
VC-0570-0380	57	2.2441	38	1.496	1.7	0.067	250	50
VC-0590-0250	59	2.3228	25	0.984	1.7	0.067	250	50
VC-0590-0380	59	2.3228	38	1.496	1.7	0.067	250	50
VC-0600-0250	60	2.3622	25	0.984	1.7	0.067	250	50
VC-0600-0380	60	2.3622	38	1.496	1.7	0.067	250	50
VC-0635-0250	63.5	2.5000	25	0.984	1.7	0.067	250	50
VC-0635-0380	63.5	2.5000	38	1.496	1.7	0.067	250	50
VC-0666-0250	66.6	2.6220	25	0.984	1.7	0.067	250	50
VC-0666-0380	66.6	2.6220	38	1.496	1.7	0.067	250	50
VC-0698-0250	69.8	2.7480	25	0.984	1.7	0.067	250	50
VC-0698-0380	69.8	2.7480	38	1.496	1.7	0.067	250	50
VC-0730-0250	73	2.8740	25	0.984	1.7	0.067	250	50
VC-0730-0380	73	2.8740	38	1.496	1.7	0.067	250	50
VC-0760-0250	76	2.9921	25	0.984	1.7	0.067	250	50
VC-0760-0380	76	2.9921	38	1.496	1.7	0.067	250	50
VC-0815-0250	81.5	3.2087	25	0.984	1.7	0.067	150	-
VC-0815-0380	81.5	3.2087	38	1.496	1.7	0.067	150	-
VC-0858-0250	85.8	3.3780	25	0.984	1.7	0.067	150	-
VC-0858-0380	85.8	3.3780	38	1.496	1.7	0.067	150	-
VC-0889-0250	88.9	3.5000	25	0.984	1.7	0.067	150	-
VC-0889-0380	88.9	3.5000	38	1.496	1.7	0.067	150	-
VC-0900-0250	90	3.5433	25	0.984	1.7	0.067	150	-
VC-0900-0380	90	3.5433	38	1.496	1.7	0.067	150	-
VC-1000-0250	100	3.9370	25	0.984	1.7	0.067	50	-
VC-1000-0380	100	3.9370	38	1.496	1.7	0.067	50	-
VC-1015-0250	101.5	3.9961	25	0.984	1.7	0.067	50	-
VC-1015-0380	101.5	3.9961	38	1.496	1.7	0.067	50	-
VC-1140-0250	114	4.4882	25	0.984	1.7	0.067	50	-
VC-1140-0380	114	4.4882	38	1.496	1.7	0.067	50	-
VC-1200-0250	120	4.7244	25	0.984	1.7	0.067	50	-
VC-1200-0380	120	4.7244	38	1.496	1.7	0.067	50	-
VC-1520-0250	152	5.9843	25	0.984	1.7	0.067	50	-
VC-1520-0380	152	5.9843	38	1.496	1.7	0.067	50	-
VC-1650-0250	165	6.4961	25	0.984	1.7	0.067	50	-
VC-1650-0380	165	6.4961	38	1.496	1.7	0.067	50	-
VC-1710-0250	171	6.7323	25	0.984	1.7	0.067	50	-
VC-1710-0380	171	6.7323	38	1.496	1.7	0.067	50	-
VC-2030-0250	203	7.9921	25	0.984	1.7	0.067	40	-

FLEXIBLE VINYL CAPS



LoVen Product Line

VFE Series

Flexible Vinyl Caps with Ergonomic Pull-Tab

VFE Series vinyl caps protect against dirt, moisture and impact damage. They are designed with a flat, ergonomic pull-tab that is larger and contoured for easy gripping and cap removal. The tab is centered at the top of the closure for easy removal by hand, eliminating the use of tools that could damage threads or part surfaces.

- 35+ sizes available
- Stocked in diameters ranging from 4.8 mm to 28.6 mm
- Custom lengths available using existing tools
- Flexible vinyl provides a snug fit
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl

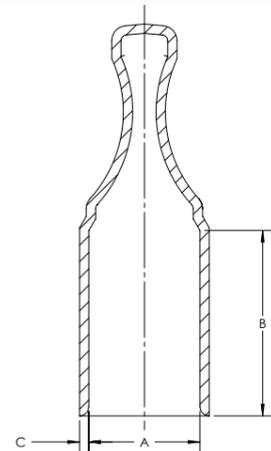
Standard Colours: Black 70 Shore, Yellow 70 Shore, Red 60 Shore

Note: Additional colours available, but not stocked:

- Blue 70 Shore
- Gray 70 Shore
- Orange 70 Shore
- Green 70 Shore
- Colour Matching Available

Parts can be made in a variety of lengths and colours. Please contact your Customer Service Representative for more information.

- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VFE-0048-0130	4.8	0.189	13	0.512	1.3	0.051	5000	1000
VFE-0075-0130	7.5	0.295	13	0.512	1.3	0.051	5000	1000
VFE-0075-0250	7.5	0.295	25	0.984	1.3	0.051	5000	1000
VFE-0077-0130	7.7	0.303	13	0.512	1.3	0.051	5000	1000
VFE-0077-0250	7.7	0.303	25	0.984	1.3	0.051	5000	1000
VFE-0080-0130	8	0.315	13	0.512	1.3	0.051	5000	1000
VFE-0080-0250	8	0.315	25	0.984	1.3	0.051	5000	1000
VFE-0091-0130	9.1	0.358	13	0.512	1.3	0.051	5000	1000
VFE-0091-0250	9.1	0.358	25	0.984	1.3	0.051	5000	1000
VFE-0095-0130	9.5	0.374	13	0.512	1.3	0.051	5000	1000
VFE-0095-0250	9.5	0.374	25	0.984	1.3	0.051	5000	1000
VFE-0097-0130	9.7	0.382	13	0.512	1.3	0.051	5000	1000
VFE-0097-0250	9.7	0.382	25	0.984	1.3	0.051	5000	1000
VFE-0108-0130	10.8	0.425	13	0.512	1.3	0.051	5000	1000
VFE-0108-0250	10.8	0.425	25	0.984	1.3	0.051	5000	1000
VFE-0111-0130	11.1	0.437	13	0.512	1.3	0.051	5000	1000
VFE-0111-0250	11.1	0.437	25	0.984	1.3	0.051	5000	1000
VFE-0119-0130	11.9	0.469	13	0.512	1.3	0.051	5000	1000
VFE-0119-0250	11.9	0.469	25	0.984	1.3	0.051	5000	1000
VFE-0124-0130	12.4	0.488	13	0.512	1.5	0.059	5000	1000
VFE-0124-0250	12.4	0.488	25	0.984	1.5	0.059	5000	1000
VFE-0132-0130	13.2	0.520	13	0.512	1.5	0.059	5000	1000
VFE-0132-0250	13.2	0.520	25	0.984	1.5	0.059	5000	1000
VFE-0152-0130	15.2	0.598	13	0.512	1.5	0.059	2000	400
VFE-0152-0250	15.2	0.598	25	0.984	1.5	0.059	2000	400
VFE-0156-0130	15.6	0.614	13	0.512	1.5	0.059	2000	400
VFE-0156-0250	15.6	0.614	25	0.984	1.5	0.059	2000	400
VFE-0159-0130	15.9	0.626	13	0.512	1.5	0.059	2000	400
VFE-0159-0250	15.9	0.626	25	0.984	1.5	0.059	2000	400
VFE-0163-0130	16.3	0.642	13	0.512	1.5	0.059	2000	400
VFE-0163-0250	16.3	0.642	25	0.984	1.5	0.059	2000	400
VFE-0170-0130	17	0.669	13	0.512	1.5	0.059	2000	400
VFE-0217-0130	21.7	0.854	13	0.512	1.5	0.059	2000	400
VFE-0217-0250	21.7	0.854	25	0.984	1.5	0.059	2000	400
VFE-0280-0130	28	1.102	13	0.512	1.7	0.067	2000	400
VFE-0280-0250	28	1.102	25	0.984	1.7	0.067	2000	400
VFE-0286-0130	28.6	1.126	13	0.512	1.7	0.067	2000	400
VFE-0286-0250	28.6	1.126	25	0.984	1.7	0.067	2000	400



LoVen Product Line

VFC Series

Flexible Vinyl Caps with Flat Pull-Tab for Easy Removal

VFC Series flexible vinyl caps with pull-tabs protect against dirt, moisture and impact damage. These caps feature a flat tab centered at the top of the closure to allow the cap to be easily removed by hand, eliminating the use of tools that could damage threads or part surfaces.

- 15+ sizes available
- Stocked in diameters ranging from 5.9 mm to 14 mm
- Custom lengths available using existing tools
- Flexible vinyl provides a snug fit
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl

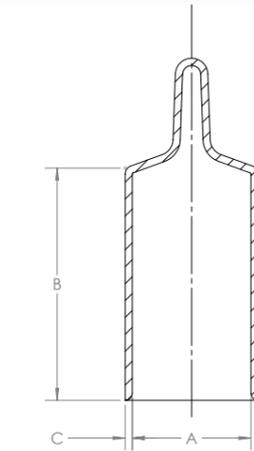
Standard Colours: Black 70 Shore, Yellow 70 Shore, Red 60 Shore

Note: Additional colours available, but not stocked:

- Blue 70 Shore
- Gray 70 Shore
- Orange 70 Shore
- Green 70 Shore
- Colour Matching Available

Parts can be made in a variety of lengths and colours. Please contact your Customer Service Representative for more information.

- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VFC-0059-0130	5.9	0.232	13	0.512	1.3	0.051	5000	1000
VFC-0059-0250	5.9	0.232	25	0.984	1.3	0.051	5000	1000
VFC-0063-0130	6.3	0.248	13	0.512	1.3	0.051	5000	1000
VFC-0063-0250	6.3	0.248	25	0.984	1.3	0.051	5000	1000
VFC-0068-0130	6.8	0.268	13	0.512	1.3	0.051	5000	1000
VFC-0068-0250	6.8	0.268	25	0.984	1.3	0.051	5000	1000
VFC-0075-0130	7.5	0.295	13	0.512	1.3	0.051	5000	1000
VFC-0075-0250	7.5	0.295	25	0.984	1.3	0.051	5000	1000
VFC-0076-0130	7.6	0.299	13	0.512	1.3	0.051	5000	1000
VFC-0076-0250	7.6	0.299	25	0.984	1.3	0.051	5000	1000
VFC-0079-0130	7.9	0.311	13	0.512	1.3	0.051	5000	1000
VFC-0079-0250	7.9	0.311	25	0.984	1.3	0.051	5000	1000
VFC-0092-0130	9.2	0.360	13	0.512	1.3	0.051	2500	500
VFC-0092-0250	9.2	0.360	25	0.984	1.3	0.051	2500	500
VFC-0135-0130	13.5	0.531	13	0.512	1.5	0.059	1500	300
VFC-0135-0250	13.5	0.531	25	0.984	1.5	0.059	1500	300
VFC-0140-0130	14	0.551	13	0.512	1.5	0.059	1500	300
VFC-0140-0250	14	0.551	25	0.984	1.5	0.059	1500	300

FLEXIBLE VINYL CAPS



LoVen Product Line

EZ Series

Flexible Vinyl Caps with Round Pull-Tab for Easy Removal
EZ Series vinyl caps protect against dirt, moisture and impact damage. These caps have an extra-long tab centered at the top of the closure for easy removal by hand, eliminating the use of tools that could damage threads or part surfaces.

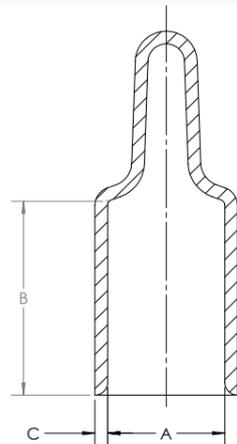
- 15+ sizes available
- Stocked in diameters ranging from 6 mm to 15.4 mm
- Custom lengths available using existing tools
- Flexible vinyl provides a snug fit
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl
Standard Colours: Black 70 Shore, Yellow 70 Shore, Red 60 Shore

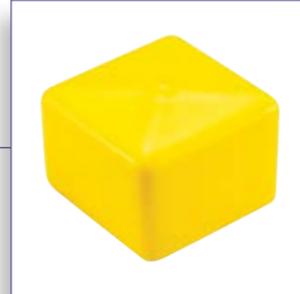
- Note:** Additional colours available, but not stocked:
- Blue 70 Shore
 - Gray 70 Shore
 - Orange 70 Shore
 - Green 70 Shore
 - Colour Matching Available

Parts can be made in a variety of lengths and colours. Please contact your Customer Service Representative for more information.

- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	End Type	Dimensions						Packaging	
		Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
		mm	In	mm	In	mm	In		
EZ-0060-0130	Round	6	0.236	13	0.512	1.3	0.051	5000	1000
EZ-0060-0250	Round	6	0.236	25	0.984	1.3	0.051	5000	1000
EZ-0075-0130	Round	7.5	0.295	13	0.512	1.3	0.051	5000	1000
EZ-0075-0250	Round	7.5	0.295	25	0.984	1.3	0.051	5000	1000
EZ-0079-0130	Round	7.9	0.311	13	0.512	1.3	0.051	5000	1000
EZ-0079-0250	Round	7.9	0.311	25	0.984	1.3	0.051	5000	1000
EZ-0090-0130	Round	9	0.354	13	0.512	1.3	0.051	2500	500
EZ-0090-0250	Round	9	0.354	25	0.984	1.3	0.051	2500	500
EZ-0094-0130	Round	9.4	0.370	13	0.512	1.3	0.051	2500	500
EZ-0094-0250	Round	9.4	0.370	25	0.984	1.3	0.051	2500	500
EZ-0103-0130	Round	10.3	0.406	13	0.512	1.3	0.051	2500	500
EZ-0103-0250	Round	10.3	0.406	25	0.984	1.3	0.051	2500	500
EZ-0124-0130	Round	12.4	0.488	13	0.512	1.3	0.051	2500	500
EZ-0124-0250	Round	12.4	0.488	25	0.984	1.3	0.051	2500	500
EZ-0152-0130	Round	15.2	0.598	13	0.512	1.5	0.059	1500	300
EZ-0154-0130	Round	15.4	0.606	13	0.512	1.5	0.059	1500	300
EZ-0154-0250	Round	15.4	0.606	25	0.984	1.5	0.059	1500	300



LoVen Product Line

VSC Series

Flexible Vinyl Square Caps
VSC Series vinyl square caps are designed for use with square tubing. The caps are strong and tough, yet flexible enough to stretch out for a perfect fit.

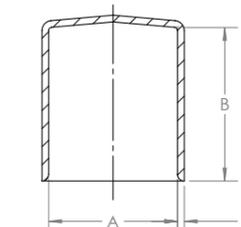
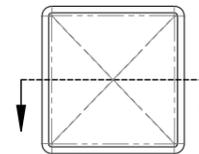
- 12 sizes available
- Stocked in diameters ranging from 8 mm to 100 mm
- Custom lengths available using existing tools
- Flexible vinyl provides a snug fit
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl
Standard Colours: Black 70 Shore, Yellow 70 Shore, Red 60 Shore

- Note:** Additional colours available, but not stocked:
- Blue 70 Shore
 - Gray 70 Shore
 - Orange 70 Shore
 - Green 70 Shore
 - Colour Matching Available

Parts can be made in a variety of lengths and colours. Please contact your Customer Service Representative for more information.

- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Width A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VSC-080-0130	8	0.315	13	0.512	1.3	0.051	1000	200
VSC-0100-0130	10	0.394	13	0.512	1.3	0.051	1000	200
VSC-0245-0250	24.5	0.965	25	0.984	1.7	0.067	1000	200
VSC-0250-0250	25	0.984	25	0.984	1.7	0.067	1000	200
VSC-0300-0250	30	1.181	25	0.984	1.7	0.067	1000	200
VSC-0400-0250	40	1.575	25	0.984	1.7	0.067	750	150
VSC-0500-0250	50	1.969	25	0.984	1.7	0.067	750	150
VSC-0600-0380	60	2.362	38	1.496	1.7	0.067	250	50
VSC-0800-0380	80	3.150	38	1.496	1.7	0.067	250	-
VSC-0850-0500	85	3.346	50	1.969	1.7	0.067	100	-
VSC-0900-0500	90	3.543	50	1.969	1.7	0.067	100	-
VSC-1000-0500	100	3.937	50	1.969	1.9	0.075	100	-

FLEXIBLE VINYL CAPS



LoVen Product Line

VRF Series

Vinyl Rectangular Caps and Grips (Flat End)

VRF Series vinyl rectangular finishing caps and grips (flat end) slip on quickly and maintain a snug fit. The caps have many applications including handle grips, paint shields, end caps and electronics covers.

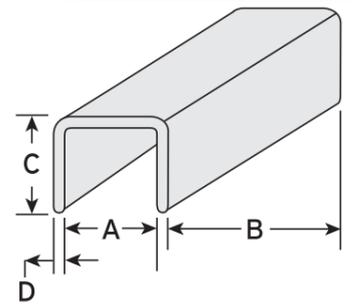
- Printing is available
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl
Standard Colours: Black 70 Shore, Yellow 70 Shore, Red 60 Shore

- Note:** Additional colours available, but not stocked:
- Blue 70 Shore
 - Gray 70 Shore
 - Orange 70 Shore
 - Green 70 Shore
 - Colour Matching Available

Parts can be made in a variety of lengths and colours. Please contact your Customer Service Representative for more information.

- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Width A		Height C		Wall Thickness D		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VRF-0016-0110-0254	11.9	0.433	1.6	0.063	1.3	0.051	5000	1000
VRF-0016-0119-0254	11.0	0.433	1.6	0.063	1.3	0.051	5000	1000
VRF-0020-0240-0254	24.0	0.945	2.0	0.079	1.3	0.051	2500	500
VRF-0030-0270-0254	27.0	1.063	3.0	0.118	1.5	0.059	2000	400
VRF-0030-0440-0254	44.0	1.732	3.0	0.118	1.5	0.059	2000	400
VRF-0040-0150-0254	15.0	0.591	4.0	0.157	1.5	0.059	3000	600
VRF-0040-0200-0254	20.0	0.787	4.0	0.157	1.5	0.059	2500	500
VRF-0040-0300-0254	30.0	1.181	4.0	0.157	1.5	0.059	1500	300
VRF-0045-0215-0254	21.5	0.846	4.5	0.177	1.5	0.059	2500	500
VRF-0047-0154-0254	15.4	0.606	4.7	0.185	1.5	0.059	3000	600
VRF-0048-0492-0254	49.2	1.937	4.8	0.189	1.5	0.059	1000	200
VRF-0050-0250-0254	25.0	0.984	5.0	0.197	1.5	0.059	1500	300
VRF-0050-0320-0254	32.0	1.260	5.0	0.197	1.5	0.059	1500	300
VRF-0050-0800-0254	80.0	3.150	5.0	0.197	1.5	0.059	750	150
VRF-0060-0200-0254	20.0	0.787	6.0	0.236	1.5	0.059	2000	400
VRF-0060-0300-0254	30.0	1.181	6.0	0.236	1.5	0.059	1000	200
VRF-0064-0127-0254	12.7	0.500	6.4	0.252	1.5	0.059	3000	600
VRF-0080-0120-0254	12.0	0.472	8.0	0.315	1.5	0.059	2000	400
VRF-0080-0200-0254	20.0	0.787	8.0	0.315	1.5	0.059	2000	400
VRF-0080-0250-0254	25.0	0.984	8.0	0.315	1.5	0.059	2000	400
VRF-0080-0270-0254	27.0	1.063	8.0	0.315	1.5	0.059	2000	400
VRF-0080-0500-0254	50.0	1.969	8.0	0.315	1.5	0.059	1000	200
VRF-0082-0180-0254	18.0	0.709	8.2	0.323	1.5	0.059	2000	400
VRF-0083-0560-0254	56.0	2.205	8.3	0.327	1.5	0.059	1000	200
VRF-0100-0150-0254	15.0	0.591	10.0	0.394	1.5	0.059	2500	500
VRF-0100-0500-0254	50.0	1.969	10.0	0.394	1.5	0.059	1000	200
VRF-0110-1080-0254	108.0	4.252	11.0	0.433	1.5	0.059	500	100
VRF-0120-0240-0254	24.0	0.945	12.0	0.472	1.7	0.067	1000	200
VRF-0130-0450-0254	45.0	1.772	13.0	0.512	1.7	0.067	1000	200
VRF-0150-0300-0254	30.0	1.181	15.0	0.591	1.7	0.067	1000	200
VRF-0150-0400-0254	40.0	1.575	15.0	0.591	1.7	0.067	1000	200
VRF-0200-0400-0254	40.0	1.575	20.0	0.787	1.7	0.067	1000	200
VRF-0280-0660-0254	66.0	2.598	28.0	1.102	1.7	0.067	750	150
VRF-0290-0630-0254	63.0	2.480	29.0	1.142	1.7	0.067	750	150
VRF-0300-0500-0254	50.0	1.969	30.0	1.181	1.7	0.067	750	150
VRF-0302-0667-0254	66.7	2.626	30.2	1.189	1.7	0.067	750	150
VRF-0400-0800-0254	80.0	3.150	40.0	1.575	1.7	0.067	500	100
VRF-0900-1475-0254	147.5	5.807	90.0	3.543	1.7	0.067	250	N/A

VRF Series Length B (drawing to left) is the same 25.4 mm (1"). All other lengths are available upon request.



LoVen Product Line

VRR Series

Vinyl Rectangular Caps and Grips (Cap Round End)

VRR Series vinyl rectangular finishing caps and grips (round end) slip on quickly and maintain a snug fit. The caps have many applications including handle grips, paint shields, end caps and electronics covers.

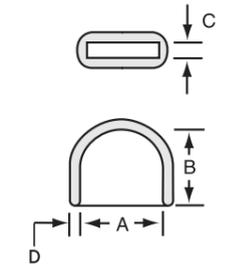
- Printing is available
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl
Standard Colours: Black 70 Shore, Yellow 70 Shore, Red 60 Shore

- Note:** Additional colours available, but not stocked:
- Blue 70 Shore
 - Gray 70 Shore
 - Orange 70 Shore
 - Green 70 Shore
 - Colour Matching Available

Parts can be made in a variety of lengths and colours. Please contact your Customer Service Representative for more information.

- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Height C		Width A		Wall Thickness D		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VRR-0013-0090-0254	1.3	0.051	9	0.354	1.3	0.051	5000	1000
VRR-0020-0190-0254	2	0.079	19	0.748	1.3	0.051	5000	1000
VRR-0030-0150-0254	3	0.118	15	0.591	1.5	0.059	3000	600
VRR-0030-0175-0254	3	0.118	17.5	0.689	1.5	0.059	2500	500
VRR-0030-0250-0254	3	0.118	25	0.984	1.5	0.059	2500	500
VRR-0030-0280-0254	3	0.118	28	1.102	1.5	0.059	2500	500
VRR-0040-0220-0254	4	0.157	22	0.866	1.5	0.059	1500	300
VRR-0047-0251-0254	4.7	0.185	25.1	0.988	1.5	0.059	1500	300
VRR-0048-0315-0254	4.8	0.189	31.5	1.240	1.5	0.059	1500	300
VRR-0050-0250-0254	5	0.197	25	0.984	1.5	0.059	1500	300
VRR-0050-0300-0254	5	0.197	30	1.181	1.5	0.059	1500	300
VRR-0050-0400-0254	5	0.197	40	1.575	1.5	0.059	1500	300
VRR-0050-0500-0254	5	0.197	50	1.969	1.5	0.059	1500	300
VRR-0060-0200-0254	6	0.236	20	0.787	1.5	0.059	2000	400
VRR-0060-0240-0254	6	0.236	24	0.945	1.5	0.059	2000	400
VRR-0080-0250-0254	8	0.315	25	0.984	1.5	0.059	1500	300
VRR-0080-0400-0254	8	0.315	40	1.575	1.5	0.059	1000	200
VRR-0100-0290-0254	10	0.394	29	1.142	1.5	0.059	1000	200
VRR-0127-0315-0254	12.7	0.500	31.5	1.240	1.7	0.067	1000	200
VRR-0200-0680-0254	20	0.787	68	2.677	1.7	0.067	1000	200
VRR-0300-0400-0254	30	1.181	40	1.575	1.7	0.067	1000	200

VRR Series Length B (drawing to left) is the same 25.4 mm (1"). All other lengths are available upon request.

FLEXIBLE VINYL CAPS



LoVen Product Line

VOR Series

Vinyl Rings for Tube Ends

VOR Series vinyl rings for tube ends are designed to protect tube ends. Typically used in the automotive, scuba equipment and painting industries, these vinyl rings provide maximum protection against sharp edges.

- Available in several common sizes
- Slip on easily and maintain a snug fit
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl

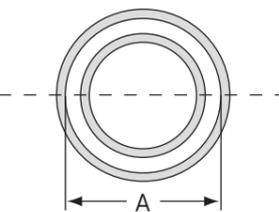
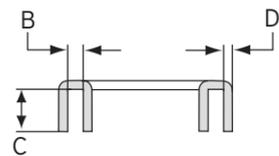
Standard Colours: Black 70 Shore, Yellow 70 Shore, Red 60 Shore

Note: Additional colours available, but not stocked:

- Blue 70 Shore
- Gray 70 Shore
- Orange 70 Shore
- Green 70 Shore
- Colour Matching Available

Parts can be made in a variety of lengths and colours. Please contact your Customer Service Representative for more information.

- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Diameter A		Mould Thickness B		Wall D		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
VOR-0010-1120-0130	112.0	4.409	1.0	0.039	1.7	0.067	500	100
VOR-0012-0160-0130	16.0	0.63	1.2	0.047	1.5	0.059	500	100
VOR-0012-0200-0130	20.0	0.787	1.2	0.047	1.5	0.059	3000	600
VOR-0013-0250-0130	25.0	0.984	1.3	0.051	1.7	0.067	3000	600
VOR-0013-0300-0130	30.0	1.181	1.3	0.051	1.7	0.067	1500	300
VOR-0015-0400-0130	40.0	1.575	1.5	0.059	1.7	0.067	2000	400
VOR-0016-0500-0130	50.0	1.969	1.6	0.063	1.7	0.067	1000	200
VOR-0017-0630-0130	63.0	2.48	1.7	0.067	1.7	0.067	1500	300
VOR-0019-0300-0130	30.0	1.181	1.9	0.075	1.7	0.067	2000	400
VOR-0022-0270-0130	27.0	1.063	2.2	0.087	1.7	0.067	3000	600
VOR-0022-0330-0130	33.0	1.299	2.2	0.087	1.7	0.067	1500	300
VOR-0025-0433-0130	43.3	1.705	2.5	0.089	1.7	0.067	2000	400
VOR-0025-0603-0130	60.3	2.374	2.5	0.089	1.7	0.067	2000	400
VOR-0032-0337-0130	33.7	1.327	3.2	0.126	1.7	0.067	1000	200
VOR-0032-0485-0130	48.5	1.909	3.2	0.126	1.7	0.067	1500	300
VOR-0034-0422-0130	42.2	1.661	3.4	0.134	1.7	0.067	2500	500
VOR-0036-0890-0130	89.0	3.504	3.6	0.142	1.7	0.067	1500	300

VOR Series Length C (drawing to left) is available in 13 mm (0.512"). All other lengths are available upon request.

FLEXIBLE VINYL SLEEVES



LoVen Product Line

OCS Series

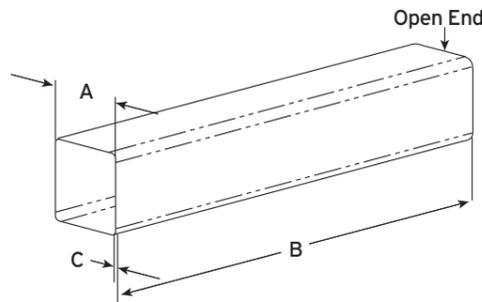
Vinyl Open Cover Squares

Used on a variety of different post protection applications. Commonly used in the farming industry to protect the base of livestock farming from degradation. Vinyl protects the post from the elements while providing a finished look.

- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl **Standard Colour:** Black 70 Shore

- Lengths (B Dimension) are available in 180 mm (7.087") increments
- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
OCS-0400-1800	40	1.575	180	7.087	1.8	0.071	200	40
OCS-0700-1800	70	2.756	180	7.087	1.8	0.071	70	-
OCS-0800-1800	80	3.150	180	7.087	1.8	0.071	50	-
OCS-0900-1800	90	3.543	180	7.087	1.8	0.071	50	-



LoVen Product Line

OCR Series

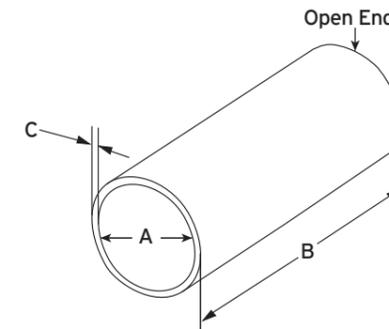
Vinyl Open Cover Rounds

Used on a variety of different post protection applications. Commonly used in the farming industry to protect the base of livestock farming from degradation. Vinyl protects the post from the elements while providing a finished look.

- Free sample requests are for parts listed in chart only
- New sizes are always being added

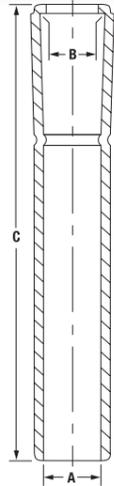
Material: Vinyl **Standard Colour:** Black 70 Shore

- Lengths (B Dimension) are available in 180 mm (7.087") increments
- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
OCR-0330-1800	33	1.299	180	7.087	1.8	0.071	300	60
OCR-0480-1800	48	1.890	180	7.087	1.8	0.071	150	30
OCR-0600-1800	60	2.362	180	7.087	1.8	0.071	100	20
OCR-0760-1800	76	2.992	180	7.087	1.8	0.071	70	-
OCR-0800-1800	80	3.150	180	7.087	1.8	0.071	50	-
OCR-0890-1800	89	3.504	180	7.087	1.8	0.071	50	-
OCR-1020-1800	102	4.016	180	7.087	1.8	0.071	30	-
OCR-1130-1800	113	4.449	180	7.087	1.8	0.071	30	-

FLEXIBLE VINYL SLEEVES



LoVen Product Line

HB Series

Hose Bend Restrictors

HB Series hose bend restrictors reduce bending stress near the hose coupling junction. This added protection prevents damage to the hose and ultimately extends its life cycle. The upper lip firmly attaches to the coupling, holding the restrictor in place, eliminating the need for costly adhesives or clamps.

- Tapered for easy installation
- Works with a variety of hydraulic and pressure-wash hoses
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl
Standard Colours: Black 85 Shore

- Length tolerance is +/- 2 mm (0.079")
- Wall Thickness +/- 0.25mm (0.0098")

Caplugs No.	Dimensions						Packaging	
	Diameter A		Diameter B		Length C		Carton Quantity	Mini Pack Quantity
	mm	In	mm	In	mm	In		
HB-13	10.6	0.417	13.0	0.512	130	5.118	500	100
HB-14	10.7	0.421	13.0	0.512	130	5.118	500	100
HB-15	12.1	0.475	16.1	0.632	150	5.906	500	100
HB-16	12.2	0.480	18.9	0.744	190	7.480	500	100
HB-17	13.1	0.514	15.1	0.594	150	5.906	500	100
HB-18	14.2	0.559	19.0	0.750	185	7.283	500	100
HB-19	15.6	0.612	16.6	0.652	135	5.150	300	60
HB-50	17.0	0.671	18.4	0.723	190	7.480	300	60
HB-110	22.1	0.872	24.7	0.972	220	8.661	250	50
HB-120	27.5	1.083	40.0	1.575	240	9.449	250	50
HB-130	28.6	1.126	38.1	1.500	260	10.236	250	50

Wall thickness for all HB Series is 3.5 mm (0.138") and is made of 85 shore material.

WELDALLOY PRODUCTS



The Weldalloy group of companies, acquired by Caplugs® in 2018 with production facilities on three continents and is the world's leading manufacturer of spiral protective wrap. Our trademarked Pig's Tail™ spiral wrap is sold and used in over 40 countries and is the preferred brand in the hydraulic and mining sector - sought out for its durability and user-friendly installation.

Today, the Weldalloy group of companies have integrated with Loven Vinyl Products under the Caplugs® name offering one comprehensive line of plastic product protection. We still have the same great teams in our Belgium and Holland facilities that remain focused on product quality and customer service.

As Caplugs® continues to grow, we will integrate even more capabilities and new products to be your single source and trusted partner for all your product protection and custom moulding needs.



HOSE PROTECTION



Weldalloy Product Line

Pig's Tail™ Protective Wrapping

Sizes: 15

Internal Diameter Range: 7 mm - 149 mm

External Diameter Range: 9 mm - 160 mm

Helix Width Range: 6.5 mm - 60 mm

Pig's Tail™ protective wrapping is made to protect hydraulic and pneumatic hoses against shocks, abrasion and deteriorations.

As cost effectiveness is always a critical consideration, our Pig's Tail™ protective wrapping can help you reduce your maintenance costs and equipment downtime.

Made from High Density Polyethylene* (HDPE) Pig's Tail™ protective wrapping can easily be mounted on existing or new assembled hydraulic hoses, giving them protection against wear and damage caused by aggressive working conditions.

Other advantages of the Pig's Tail™ protective wrapping:

- Can be used for a single hose or a bundle of hoses.
- Suitable for use with equipment operating across a wide temperature range from -50°C up to +120°C.
- Rounded edges for easy and safe mounting.
- Suitable for use with all hydraulic fluids including glycol and phosphate ester based products.
- Free sample requests are for parts listed in chart only

Standard colour is black; also available in yellow, blue, red and green.

Product Code	Internal Diameter (mm)*	External Diameter (mm)*	Wall Thickness (mm)	Pitch	Meters/Box
R9SSG	7	9	1,5	6,50	150
R12SSG	10	12	1,5	10	20/50
R16SSG	11,5	16	1,5	12	20/50
R20SSG	14	20	1,8	14,50	20/50
R25SSG	20	25	2	21	20/50
R32SSG	25	32	2,4	24	20/50
R40SSG	32	40	2,4	30	20/50
R50SSG	38	50	3	35	20/50
R63SSG	50	63	3,5	40	20
R75SSG	60	75	3,8	40	20
R90SSG	72	90	4,6	45	20
R110SSG	87	110	5,5	55	12
R125SSG	114	125	5,5	55	12
R140SSG	129	140	5,5	55	8
R160SSG	149	160	5,5	60	6

* Nominal dimensions



Weldalloy Product Line

Fire Retardant Anti-Static (FRAS)

Sizes: 11

Internal Diameter Range: 10 mm - 87 mm

External Diameter Range: 12.5 mm - 110 mm

Helix Width Range: 10 mm - 55 mm

FRAS Pig's Tail™ protective wrapping is a conductive thermoplastic compound on a polyethylene base. Conductivity is achieved by using special conductive carbon black. In addition to low electrical resistivity, FRAS is flame retardant and has an extremely good balance of mechanical properties.

- Free sample requests are for parts listed in chart only

Tested and certified to:

- AS2600
- AS1180.10B
- AS1180.13A
- MSHA - approved
- SIMTARS
- ATEX

Product Code	Internal Diameter (mm)*	External Diameter (mm)*	Wall Thickness (mm)	Pitch	Meters/Box
FRAS12-50	10	12	1.5	10	50
FRAS16-20	11.5	16	1.5	12	20
FRAS20-20	14	20	1.8	14.50	20
FRAS25-20	20	25	2	21	20
FRAS32-20	25	32	2.4	24	20
FRAS40-20	32	40	2.4	30	20
FRAS50-20	38	50	3	35	20
FRAS63-20	50	63	3.5	40	20
FRAS75-20	60	75	3.8	40	20
FRAS90-20	72	90	4.6	45	20
FRAS110-12	87	110	5.5	55	12

* Nominal dimensions

HOSE PROTECTION



Weldalloy Product Line

NightGlow Protective Wrapping

Sizes: 11
Internal Diameter Range: 10 mm - 87 mm
External Diameter Range: 12.5 mm - 110 mm
Helix Width Range: 10 mm - 55 mm

NightGlow protective wrapping photo luminescent and is made from HDPE.

Not only will your hoses be protected and bundled, the spiral lights up in darkness allowing you to identify specific hoses or hose lines up to 12 hours!

Ideal for mining, earth moving equipment, fencing, marine, etc.

Other advantages of the NightGlow Protective Wrapping:

- Can be used for a single hose or a bundle of hoses.
- Suitable for use with equipment operating across a wide temperature range from -50°C up to +120°C.
- Rounded edges for easy and safe mounting
- Suitable for use with all hydraulic fluids including glycol and phosphate ester based products.
- Free sample requests are for parts listed in chart only

Product Code	Internal Diameter (mm)*	External Diameter (mm)*	Wall Thickness (mm)	Pitch	Meter/Box
N12SSG-50	10	12	1.5	10	50
N16SSG-20	11.5	16	1.5	12	20
N20SSG-20	14	20	1.8	14.50	20
N25SSG-20	20	25	2	21	20
N32SSG-20	25	32	2.4	24	20
N40SSG-20	32	40	2.4	30	20
N50SSG-20	38	50	3	35	20
N63SSG-20	50	63	3.5	40	20
N75SSG-20	60	75	3.8	40	20
N90SSG-20	72	90	4.6	45	20
N110SSG-12	87	110	5.5	55	12

* Nominal dimensions



Weldalloy Product Line

Metal Protection Spirals

Sizes: 24
Internal Diameter Range: 14 mm - 68 mm
Width: 3 - 5.5

Metal spirals are used for heavy-duty applications when it's important to protect hoses working in severe external conditions such as mining and stone quarries.

• Free sample requests are for parts listed in chart only

Material: Steel

Plating: High quality galvanized

Product Code	Internal Diameter (mm)	Length (M)	Width (mm)	Wire Size (mm)
HMP-14	14	10	3	2.30
HMP-15	15	10	3	2.30
HMP-17	17	10	3	2.30
HMP-19	19	10	4.5	2.80
HMP-20	20	10	4.5	2.80
HMP-22	22	10	4.5	2.80
HMP-23	23	10	4.5	2.80
HMP-25	25	10	4.5	2.80
HMP-26	26	10	4.5	2.80
HMP-27	27	10	4.5	2.80
HMP-29	29	10	4.5	2.80
HMP-30	30	10	4.5	2.80
HMP-33	33	10	4.5	2.80
HMP-34	34	10	4.5	2.80
HMP-35	35	10	5.5	2.80
HMP-39	39	10	5.5	2.80
HMP-41	41	10	5.5	2.80
HMP-42	42	10	5.5	2.80
HMP-45	45	10	5.5	2.80
HMP-46	46	10	5.5	2.80
HMP-48	48	10	5.5	2.80
HMP-51	51	10	5.5	2.80
HMP-55	55	10	5.5	2.80
HMP-68	68	10	5.5	2.80

SPIRAL PROTECTION



Weldalloy Product Line

RAIL (NEW Proprietary Product)

Pig's Tail™ RAIL is a specialized new proprietary product line that is specifically designed to meet the requirements of the railroad industry. Pig's Tail™ RAIL is a highly modified polypropylene alloy compound meeting V-O flame retardant requirements and certified according the norm EN 45545. The product fulfills the fire protection requirements R22 and R23 for the hazard level HL2. In addition to its high flame retardancy, it is halogen free and has extremely good balance of mechanical properties. Pig's Tail™ RAIL also meets the ISO 4589-2 and ISO 5659-2 standards.

- Free sample requests are for parts listed in chart only

Product Code	Internal Diameter (mm)*	External Diameter (mm)*	Wall Thickness (mm)	Pitch	Meter/Box
RAIL12-50	10	12	1.5	10	50
RAIL16-50	11.5	16	1.5	12	50
RAIL20-50	14	20	1.8	14.50	50
RAIL25-50	20	25	2	21	50
RAIL32-50	25	32	2.4	24	50
RAIL40-50	32	40	2.4	30	50
RAIL50-20	38	50	3	35	20
RAIL63-20	50	63	3.5	40	20
RAIL75-20	60	75	3.8	40	20
RAIL90-20	72	90	4.6	45	20
RAIL110-12	87	110	5.5	55	12

* Nominal dimensions

SLEEVE PROTECTOR



Weldalloy Product Line

Anti-Abrasion Sleeve (PES)

Sizes: 14
Internal Diameter Range: 20 mm - 150 mm

Made from high quality polyester yarn, the anti-abrasion sleeve is a multi-purpose sleeve that can be used:

- As abrasion protection for hydraulic hoses
- Against pin hole leakages
- For bundling hoses
- To protect people from a nearby bursting hose

Anti-abrasion sleeve technical specifications:

- MSHA certified
- MSTC - ISO8031 (electrical conductivity) - ISO8030 (fire resistance) certification
- Temperature Range:
 - Working temperature range of -40° C to 150° C
 - Melting point: 220° C
- Pressure test up to 400 Bar (5800PSI) and 700 Bar (10150PSI)
- Standard length 100 m
- Resistant to most solvents, oils, acids and alkalis
- Low dirt adhesion

Anti-Abrasion Sleeve PES Code	Internal Diameter (mm)	Width (flat-mm)	Meter/Roll
HS-20	20	36	100
HS-22	22	39	100
HS-25	25	46	100
HS-28	28	50	100
HS-32	32	55	100
HS-35	35	60	100
HS-40	42	70	100
HS-45	45	76	100
HS-50	50	82	100
HS-70	70	116	100
HS-75	75	125	100
HS-90	90	147	100
HS-102	102	166	100
HS-150	150	242	100



Weldalloy Product Line

Anti-Abrasion Sleeve (PA)

Sizes: 15
Internal Diameter Range: 18 mm - 150 mm

Made from high quality polyamide yarn, the anti-abrasion sleeve is a multi-purpose sleeve that can be used:

- As abrasion protection for hydraulic hoses
- Against pin hole leakages
- For bundling hoses
- To protect people from a nearby bursting hose
- Meets the requirements of EN ISO 3457

Anti-abrasion sleeve technical specifications:

- MSHA certified
- Low dirt adhesion
- Resistant to most solvents, oils, acids and alkalis
- Working temperature: -50° C up to +150° C
- Standard length 50 m
- Available in colours: black, red, blue, green, yellow and more
- MDG-41 certified (underground coal mines)
- Seat belt abrasion SAE J386 certified
- Flame retardant
- Self-extinguishes in less than 30 seconds

Anti-Abrasion Sleeve PA Code	Internal Diameter (mm)	Width (flat-mm)	Meter/Roll
HSPA-18	18	32	50
HSPA-20	20	34	50
HSPA-23	23	39	50
HSPA-29	29	50	50
HSPA-31	31	52	50
HSPA-36	36	60	50
HSPA-40	40	66	50
HSPA-50	50	80	50
HSPA-53	53	86	50
HSPA-56	56	90	50
HSPA-68	68	110	50
HSPA-75	75	120	50
HSPA-93	93	143	50
HSPA-100	100	157	50
HSPA-150	150	235	50

SLEEVE PROTECTOR



Weldalloy Product Line

Anti-Abrasion Side Sleeve

Sizes: 8
Internal Diameter Range: 25.4 mm - 203.20 mm

Our anti-abrasion side sleeve can be used for wrapping or bundling hoses and cables. The high quality hook and loop closure allows reuse of the anti-abrasion side sleeve many times. Costs will be reduced since the anti-abrasion side sleeve can be removed at any time - even without disconnecting hoses or cables - which makes it ideal for servicing.

Anti-abrasion side sleeve will not fray when cutting to the desired length.

Anti-abrasion side sleeve technical specifications:

- Polyamide and PU coating
- Low dirt adhesion
- Resistant to most solvents, oils, acids and alkalis
- Working temperature: -50°C up to 200°C
- Standard length 50 m
- Meets the requirements of EN/ISO 3457
- Free sample requests are for parts listed in chart only

Also available with eyelets instead of hook and loop. Custom sizes available on request.

Sidesleeve Code	Internal Diameter (in)	Internal Diameter (mm)	Width (flat-mm)	Meter/Box
HSV-25	1	25.40	101	50
HSV-50	2	50.30	199	50
HSV-76	3	75.10	280	50
HSV-100	4	101.90	358	50
HSV-127	5	126.75	438	50
HSV-152	6	152.80	518	50
HSV-177	7	177.70	597	50
HSV-200	8	203.20	678	50



Weldalloy Product Line

Strip and Buckle

Sizes: 20
Length: 200 mm - 2000 mm

The strip and buckle can be used to bundle hoses and cables. The high quality hook and loop closure allows reuse of the strip many times. The strip comes in two versions - with or without mounting ring.

Alternatively you can use the buckle which is equipped with a fast release buckle. Both the Strip and Buckle are made from high quality polypropylene.

- Free sample requests are for parts listed in chart only

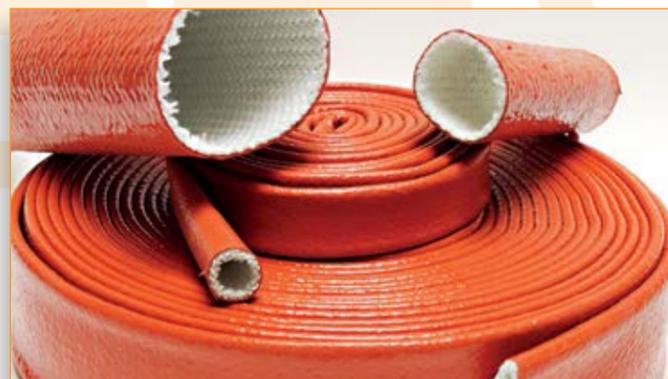
Strip Code	Length (mm)	Width (mm)	Minimum Amount (psc)
ST-200	200	38	10
ST-300	300	38	10
ST-500	500	38	10
ST-750	750	38	10
ST-1500	1500	38	10

Strip with Eyelet Code	Length (mm)	Width (mm)	Minimum Amount (psc)
STR-200	200	38	10
STR-300	300	38	10
STR-500	500	38	10
STR-750	750	38	10
STR-1500	1500	38	10

Buckle Code	Length (mm)	Width (mm)	Minimum Amount (psc)
HBL-350	350	18	20
HBL-500	500	18	20
HBL-750	750	18	20
HBL-1500	1500	18	20
HBL-2000	2000	18	20

Buckle Code	Length (mm)	Width (mm)	Minimum Amount (psc)
HBLL-350	350	25	20
HBLL-500	500	25	20
HBLL-750	750	25	20
HBLL-1500	1500	25	20
HBLL-2000	2000	25	20

SLEEVE PROTECTOR



Weldalloy Product Line

Fire Protection Sleeve

Sizes: 27
Internal Diameter Range: 8 mm - 127 mm

The fire protection sleeve is a high quality glass-fiber with a silicon rubber cover making it resistant to extreme temperatures and flame affliction.

Other advantages:

- Working temperature of 260°C
- Resistant to hydraulic fluids, most acids and chemicals, lubricating oils and fluids
- 15-20 minutes resistance against +1 000°C
- 15-30 seconds resistance against +1 600°C
- Free sample requests are for parts listed in chart only

Product Code	Internal Diameter (Mm)*	Meters/Box
HFP-8	8	15
HFP-10	9.50	15
HFP-11	11.10	15
HFP-13	12.70	15
HFP-16	15.90	15
HFP-19	19	15
HFP-22	22	15
HFP-25	25.40	15
HFP-28	28.60	15
HFP-32	31.80	15
HFP-35	34.90	15
HFP-38	38.10	15
HFP-41	41.30	15
HFP-44	44.40	15
HFP-48	48	15
HFP-51	50.80	15
HFP-57	57.20	15
HFP-60	60	15
HFP-64	63.50	15
HFP-70	69.80	15
HFP-76	76.20	15
HFP-83	82.40	15
HFP-89	88.90	15
HFP-95	95.20	15
HFP-102	101.60	15
HFP-114	114.30	15
HFP-127	127	15



Weldalloy Product Line

Accessories

Ferrules

Our ferrules ensure a proper fixation of the textile sleeve on the hose. These ferrules are available in galvanized steel.

- Free sample requests are for parts listed in chart only.

Wrapman

- Designed to wrap Pig's Tail™ protection onto hydraulic hoses
- Increased wrapping speeds
- Easy operation
- Adjustable screw-in locator pins
- Two mounting lugs (to clamp in vice)
- Compact design
- Wraps hose assemblies from 3.175 mm to 31.75 mm



Product Code	Internal Diameter (mm)	External Diameter (mm)	Length (mm)	Description
SFR1720	17	20	31	Steel ferrule 17-20
SFR1922	19	22	31	Steel ferrule 19-22
SFR2124	21	24	31	Steel ferrule 21-24
SFR2225	22	25	31	Steel ferrule 22-25
SFR2427	24	27	31	Steel ferrule 24-27
SFR2730	27	30	34	Steel ferrule 27-30
SFR2932	29	32	35	Steel ferrule 29-32
SFR3235	32	35	36	Steel ferrule 32-35
SFR3538	35	38	36	Steel ferrule 35-38
SFR3740	37	40	38	Steel ferrule 37-40
SFR3942	39	42	40	Steel ferrule 39-42
SFR4245	42	45	42	Steel ferrule 42-45
SFR4650	46	50	46	Steel ferrule 46-50
SFR4852	48	52	46	Steel ferrule 48-52
SFR5155	51	55	48	Steel ferrule 51-55
SFR5660	56	60	50	Steel ferrule 56-60
SFR6065	60	65	51	Steel ferrule 60-65
SFR6570	65	70	54	Steel ferrule 65-70

SPECIFICATIONS

Weldalloy Product Line

Fitting Specifications



Formula for Spiral Length:

Hose OD ÷ Spiral ID x hose Length = Spiral Length

Example: If you have a 10 m hose with an OD of 40 mm, using the HT-40, which has an ID of 32 mm, you would require 12,5 m of HG-40. 40 mm hose ÷ 32 mm (ID of R40SSG) x 10 m = 12,5 m of Pig's Tail™ wrapping

Code	Hose OD Range	Nominal Dimensions					
		ID (mm)		Wall Thickness (mm)		Band Width (mm)	
R9SSG	7 mm - 13 mm	7	+/-0.5	1.5	+/-0.2	6.5	+/-2.0
R12SSG	10 mm - 17 mm	10	+/-0.5	1.5	+/-0.2	10	+/-2.0
R16SSG	12 mm - 22 mm	11.5	+/-0.5	1.5	+/-0.2	12	+/-2.0
R20SSG	16 mm - 27 mm	14	+/-0.5	1.8	+/-0.3	14.5	+/-2.0
R25SSG	22 mm - 35 mm	20	+/-0.5	2.0	+/-0.3	21	+/-3.0
R32SSG	27 mm - 43 mm	25	+/-0.5	2.4	+/-0.3	24	+/-3.0
R40SSG	33 mm - 55 mm	32	+/-1.0	2.4	+/-0.3	30	+/-3.0
R50SSG	42 mm - 64 mm	38	+/-1.0	3.0	+/-0.3	35	+/-3.0
R63SSG	52 mm - 75 mm	50	+/-1.0	3.5	+/-0.4	40	+/-4.0
R75SSG	65 mm - 96 mm	60	+/-1.0	3.8	+/-0.5	40	+/-4.0
R90SSG	80 mm - 110 mm	72	+/-1.0	4.6	+/-0.5	45	+/-4.0
R110SSG	97 mm - 125 mm	87	+/-1.0	5.5	+/-0.5	55	+/-4.0
R125SSG	114 mm - 139 mm	114	+/-1.0	5.5	+/-0.5	55	+/-4.0
R140SSG	121 mm - 152 mm	129	+/-1.0	5.5	+/-0.5	55	+/-4.0
R160SSG	146 mm - 177 mm +	149	+/-1.0	5.5	+/-0.5	60	+/-4.0

Weldalloy Product Line

Material Specifications



Pig's Tail™ protective wrapping is manufactured to the highest standards. By only using "virgin grade" high density polyethylene, our products exhibit superior wear resistance and extremely good environmental stress crack resistance (ERS).

Physical Properties	Test Method	Unit	Value
Density	ASTM D 1505	g/cm ³	0.954
Melt Index 2.16kg 3.0kg Carbon Black Content	ASTM D 1238 ASTM D 1238 ASTM D 1603	g/ 10 min g/ 10 min %	0.10 0.56 2~2.50
Tensile Properties Tensile Strength at Yield (min) Tensile Strength at Break (min) Elongation at Break (min) Flexural Modulus Environmental Stress Crack Resistance Condition B. F50 (min) Hardness (min) Impact Strength (Izod. Method A. min)	ASTM D 638 (IV) ASTM D 790 ASTM D 1693 ASTM D 2240 ASTM D 256	kg/cm ² kg/cm ² % kg/cm ² hr shore "D" kg-cm/cm	230 300 500 8800 1000 63 30
Brittleness Temp. (min)	ASTM D 746	°C	-75
Vicat Softening Temp.	ASTM D 1525	°C	123
Oxidative Induction Time at 200 °C	ISO/ TR 10837	%	16
Modulus of Elasticity	ASTM D 790	Min	40
Thermal Conductivity	ASTM D 177	Watt/m°C	0.40
Coef. of Linear Thermal Expansion	ASTM D 696	1°C	0.00013
Specification Data Material Classification Cell Classification	ASTM D 1248 ASTM D 3350	- -	III C 5 P34 345434 (PE 3408)

Global powerhouse

GLOBAL POWERHOUSE



Weldalloy
Hose Protection

LoVen
Vinyl Products

Your Global Plastic Moulding Partner

Serving as the leader in product protection, moulded components and masking for over 70 years, Caplugs® provides the broadest range of solutions, highest quality and most responsive service in the industry.

- > **450,000,000** parts in stock
- > **15,000,000** parts produced per day
- > **40,000+** catalogue products
- > Over **300** moulding machines
- > **10** manufacturing facilities
- > The **1** partner you need

Why Caplugs®?

- > Trusted partner since 1948
- > Thousands of catalogue parts in stock and ready to ship
- > Broadest range of product styles and sizes
- > Most extensive in-house custom capabilities
- > Stringent quality management system
- > Team of dedicated engineers
- > Free samples of all catalogue parts
- > Proven supplier across more than 20 industries
- > Seamless online ordering
- > Dedicated technical sales support teams
- > Largest variety of products for supplier consolidation

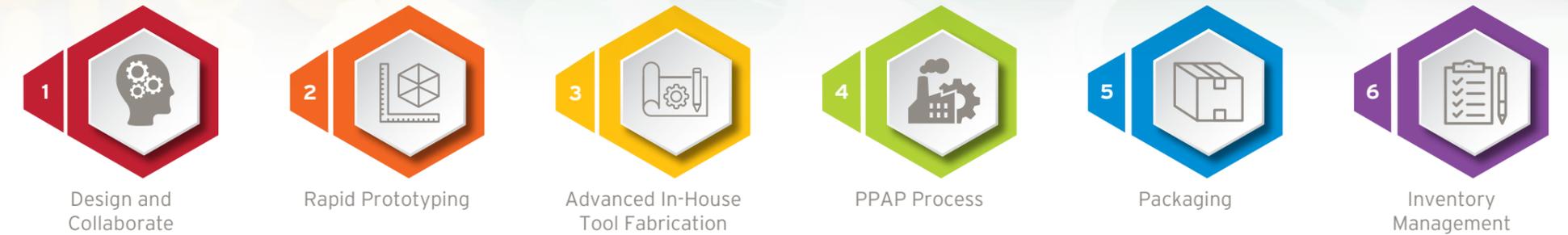
More Moulding Options to Meet Your Needs

6 In-House Manufacturing Processes

Our range of expertise and moulding processes allows us to select the best option for your specific application and provide the most efficient and cost-effective solution.



In-House Control at Every Step



Your Custom Moulding Partner

The experienced team of Caplugs® design engineers specializes in custom engineered solutions and Design for Manufacturability processes. Caplugs® can meet your exacting requirements from concept and design to tooling and full volume production.

Key Benefits for You



CUSTOM DIE-CUTTING CAPABILITIES

Extremely effective when masking a flat surface, custom die-cuts are quick and easy to apply and remove - and can even be fitted with pull-tabs to expedite the removal process. The solution is ideal for wet paint, powder coating, e-coating and plating operations. Custom die-cuts are also an economical way to eliminate tedious manual masking steps from any finishing line.

Four Unique Die-Cutting Processes

- > **Plotter** – Customizable and inexpensive. No tooling required. Quickest way to produce samples from multiple file formats. Ideal for small runs and making die-cut kits together.
- > **Steel Rule Die Press** – Known as “cookie-cutter dies!” Low-cost tooling option for short-run productions.
- > **Rotary Die-Cutter** – Tooling required to create a cylindrical solid engraved die for a rotary press. Ideal for high-volume runs.
- > **Magnetic Plate Die-Cutting** – Same as rotary, but using a thinner magnetic plate tool to wrap around a base magnetic cylinder. Economical tooling cost for high-volume runs.

Additional options include:

- Kits
- Perforated liner
- Slit back liner
- Carrier tape
- Pull-tabs



Prototypes in 24 Hours

- > **Custom** die-cut designs from a simple sketch or drawing
- > Hold **tolerances** of ± 0.0508 mm (0.002") on a 609.6 mm (24") length
- > Masks supplied in rolls, sheets or **pre-assembled** kits
- > Capacity for full **in-house** custom converting
- > Custom die-cut **samples** provided upon drawing approval

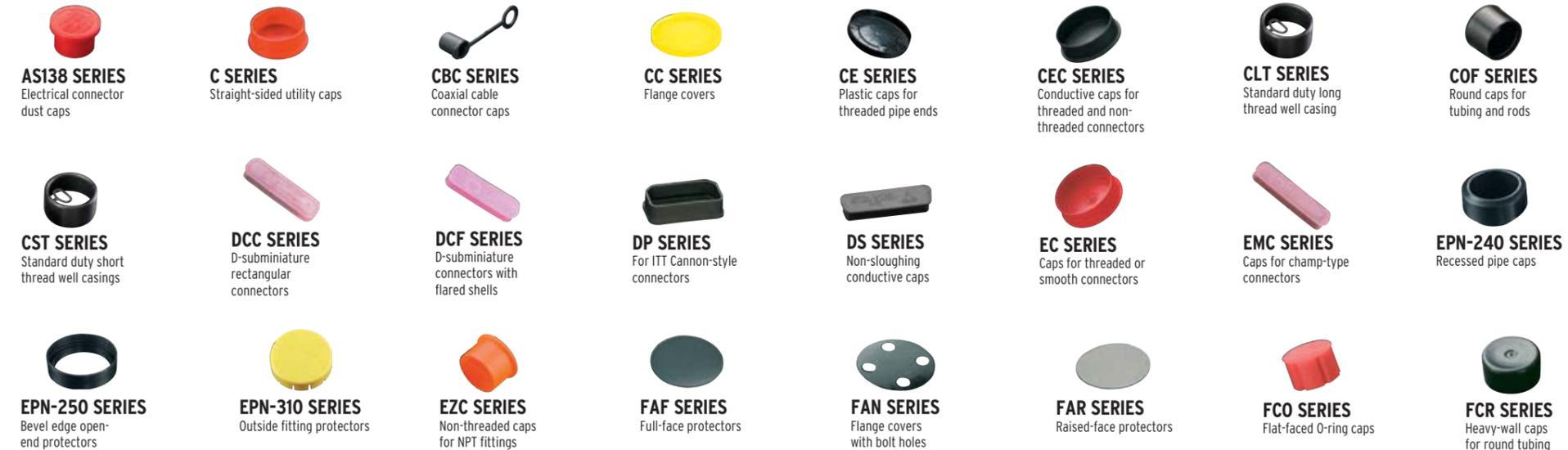
CAPPLUGS® PRODUCTS

TAPERED CAPS AND PLUGS

For more information and to request free samples, contact us at (+31) 73 643 02 88.



CAPS non-threaded



CAPS non-threaded (cont.)



CAPPLUGS® PRODUCTS

CAPS non-threaded (cont.)

For more information and to request free samples, contact us at (+31) 73 643 02 88.

 PTC SERIES Tapered paper caps	 PZC SERIES Multi-purpose caps/plugs	 RC SERIES Caps for externally threaded parts	 RCL SERIES Extra long-bodied caps for externally threaded parts	 RFP SERIES Raised-face flange protectors	 RH/RHW SERIES Finishing and protection for raised-head screws	 SC SERIES Straight-sided sleeve caps	 SCP SERIES Shipping cap protectors	
 SC-SH SERIES Silicone caps	 SEC SERIES Static dissipative caps for threaded connectors	 SF SERIES Caps for split-flange connections	 SFC SERIES Silicone flange caps	 SRC-SH SERIES Silicone grounding caps	 SRC-MED SERIES Medical silicone caps	 SSR SERIES Sucker-rod protectors	 T SERIES Tapered body gives snug fit as cap/plug	
 TS SERIES Tapered silicone caps and plugs	 UEO SERIES Standard duty external upset end tubing protection	 UVCP-SH SERIES Silicone venting cap/plug	 VP SERIES Vented pipe caps	 W SERIES Wide-flanged cap/plug	 WC-SH SERIES Silicone washer caps	 WW SERIES Wide, thick flange cap/plug	 WWX SERIES Extra-wide, thick flange cap/plug	 ZC-SH SERIES Zerk caps

CAPS threaded

 ASC SERIES Aluminium caps for seal-flared fittings	 BC SERIES Cylinder valve threaded caps	 CD SERIES Plastic caps for tubing and flared fittings	 CD-M Series Threaded plastic caps for metric fittings	 DC SERIES Push-on threaded caps	 FUF SERIES Flareless union fitting caps to protect tube fittings	 PSR SERIES Polished sucker-rod protectors
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PLUGS non-threaded

 BN-SH SERIES Black neoprene plugs	 BP SERIES Button plugs with recessed-type heads	 BPF SERIES Button plugs with flush-type heads	 BPFE SERIES Ergonomic button plugs with flush-type heads	 CCF SERIES Plugs for round tubing	 CEP SERIES Conductive plugs for threaded connectors	 CPT SERIES Center pull-tab tapered plugs	 CPT-NF SERIES Center pull-tab tapered plugs without flange
 CT SERIES Plugs for Type L and Type M tubing	 CXT SERIES Center cross pull-tab plug	 DFPP-SH SERIES Dual-flanged pull plugs	 DO SERIES Dome, ribbed tubing plugs	 DOP SERIES Dome plugs	 DP SERIES Conductive caps/plugs	 E SERIES Utility plugs	 ECP SERIES Ergonomic center pull-tab plugs
 EP SERIES Plugs for threaded connectors	 EPN-305 SERIES Push-in protectors	 EZP SERIES NPT plugs	 FBH SERIES Bolt hole plugs	 FC SERIES Snap-in flange protectors	 FLGV SERIES Valve flange protectors	 FP SERIES Finishing plugs for square tubing	 FPN SERIES Sucker-rod plugs
 FP-SH SERIES Rubber flangeless plugs	 GN-SH SERIES Green neoprene plugs	 HFPP-SH SERIES Hollow-flanged pull plugs	 HUP-SH SERIES Hollow silicone plugs	 HUPH-SH SERIES Hollow silicone plugs with handles	 HWP-SH SERIES Hollow washer plugs	 IEC SERIES Plugs for female connectors	 K SERIES Plugs for round tubing

CAPPLUGS® PRODUCTS

PLUGS non-threaded (cont.)

For more information and to request free samples, contact us at (+31) 73 643 02 88.

 KO SERIES Electrical knock-out seal plugs	 L SERIES Lift-tab tapered plugs	 MPP SERIES Multi-purpose snap-in plugs	 MSC SERIES ESD connector plugs	 MSP-SH SERIES Extra long silicone plugs	 MT-SH SERIES Mouse-tail pull plugs	 OT SERIES Plugs for Type K style tubing	 PIP SERIES Push-in plugs
 PIP-TAB SERIES Push-in plugs with pull-tab	 PP-SH SERIES EPDM pull plugs	 PTP SERIES Tapered paper plugs	 PVCP SERIES Pipe plugs	 PZP SERIES Unified plugs	 RCK-SH SERIES Regular cork plugs	 RER SERIES Rectangular load-bearing plugs	 RERV SERIES Flexible rectangular load-bearing plugs
 RJ SERIES RJ45 ethernet jack protective plug	 RMCP-SH SERIES Rubber masking cap/plug	 RSP-SH SERIES Rubber resealable plugs	 SCK-SH SERIES Short cork plugs	 SEP SERIES Static dissipative plugs for threaded connectors	 SFP SERIES Covers for split-flange connections	 SFP-SH SERIES Silicone flanged cap/plug	 SH SERIES Finishing plugs for socket head screws
 SP-SH SERIES Silicone step plugs	 SPP-SH SERIES Silicone pull plugs	 SPT SERIES Side pull-tab plugs	 SQR SERIES Square load-bearing plugs	 SQRV SERIES Flexible square load-bearing plugs	 STC SERIES Snap-to-connect plugs	 STP SERIES Shallow tube plugs for packaging tubes	 STPS-SH SERIES Self-threading plugs

PLUGS non-threaded (cont.)

 SWP SERIES Silicone washer plugs	 T SERIES Tapered caps and plugs	 TE SERIES Tube end plugs	 TE-HNG SERIES Tube end hanger plugs	 TE-TAB SERIES Tube end plugs with tabs	 TLF SERIES Toggle lock flange covers	 TSE SERIES Tube square end plugs	 UDPP-SH SERIES Silicone dual purpose plugs
 UFP-SH SERIES Silicone flangeless plugs	 UHCP-SH SERIES Silicone hollow cone plugs	 UMFP-SH SERIES Silicone multi-flanged plugs	 UPH-SH SERIES Silicone plugs with handles	 UPP SERIES Universal pull plugs	 UP-SH SERIES Silicone plugs	 USB-B SERIES Plugs for Type B female ports	 UTM-SH SERIES Silicone thread masks
 UW-SH SERIES Silicone washer plugs	 UWPP-SH SERIES Silicone washer pull plugs	 UWPPLS-SH SERIES Silicone washer pull plugs - long series	 W SERIES Tapered caps and plugs with wide flanges	 WPT SERIES Extra-wide flange center pull tab	 WW SERIES Tapered caps and plugs with wide, thick flanges	 WWX SERIES Tapered caps and plugs with extra-wide, extra-thick flanges	

PLUGS threaded

 ADP SERIES Threaded aluminium plugs for flareless tube and hose assemblies	 AFO SERIES Threaded aluminium plugs for flat-faced O-ring hydraulic fittings	 ASP SERIES Threaded aluminium plugs for 37° flared fittings and straight-threaded ports	 BSP SERIES Threaded plugs for British Standard Pipe fittings	 BT SERIES Sealing plugs for British Standard Pipe fittings	 DPN SERIES Threaded (UN and UNS) plugs	 MSP SERIES Slotted-head plastic plugs for metric-threaded ports	 MT SERIES Metric sealing plugs
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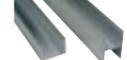
CAPPLUGS® PRODUCTS

PLUGS threaded (cont.)

For more information and to request free samples, contact us at (+31) 73 643 02 88.

 NPT SERIES Threaded plug for NPT fitting	 P SERIES Plastic threaded plugs for pipe fittings	 PD SERIES Threaded plastic plugs for flared JIC fittings	 PDE SERIES Threaded plastic plugs for flareless tube and nut assemblies	 PDF SERIES Threaded plastic plugs for flat-faced O-ring hydraulic fittings	 PDH SERIES Threaded plastic plugs for flat-faced O-ring hydraulic fittings	 PDI SERIES Threaded plastic plugs for inverted flared fittings	 PDO SERIES Threaded plastic plugs for SAE O-ring ports
 RP SERIES Threaded plugs	 RPO SERIES Threaded plugs	 RPO-M SERIES Threaded plugs	 TB SERIES British Standard Pipe general-purpose plugs	 TH SERIES Hex socket threaded plugs	 TM SERIES Metric general-purpose plugs	 TPN SERIES Square-head plugs	 TPN-F SERIES Square-head with flange plugs
 TPSD SERIES Threaded plugs with square drive	 UT SERIES Unified sealing plugs	 UTP SERIES Universal thread plugs					

PLUGS core plugs

 AP SERIES Anchor plugs	 CH SERIES Roll suspension channels	 CP SERIES Core plugs	 CPH SERIES Heavy-duty core plugs	 CPR SERIES Suspension plugs	 D SERIES Double core plugs	 PDP SERIES Pad plugs
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SHERCON® MASKING

 22-SH SERIES Amber polyimide masking tape	 AD-SH SERIES Tan vinyl masking discs	 AF-SH SERIES Silver aluminum foil masking discs	 AIR-SH SERIES Aircraft window masks	 AR-SH SERIES Identification arrows	 BN-SH SERIES Black neoprene plugs	 BNWP-SH SERIES Blind weld nut plugs	 BT100-SH SERIES Rubber blasting tape
 CSC SERIES Clear stretchable covers	 CSP-SH SERIES Silicone countersink hole plug	 CSPP-SH SERIES Countersink hole plugs for e-coat or plating	 DFPP-SH SERIES Dual-flanged pull plugs	 EP58-SH SERIES Edge protectors	 EV-SH SERIES White vinyl masking discs	 EZ-SH SERIES Off-white crepe paper masking discs	 FP-SH SERIES Rubber flangeless plugs
 GC-SH SERIES White glass cloth masking discs	 GN-SH SERIES Green neoprene plugs	 HCR SERIES Flex500™ high-temperature caps	 HETV SERIES High-temp vinyl Flex500™ external thread plugs	 HEZ SERIES Flex500™ flexible caps with pull-tab	 HFC SERIES Flex500™ flexible caps with flat pull-tab	 HFPP-SH SERIES Hollow-flanged pull plugs	 HJS SERIES Flex500™ flexible tear-tab caps
 HTP SERIES High-temp vinyl Flex500™ tapered plugs	 HUP-SH SERIES Hollow silicone plugs	 HUPH-SH SERIES Hollow silicone plugs with handles	 HVC SERIES Flex500™ flexible round caps	 HVTP SERIES High-temperature vinyl Flex500™ tapered plugs	 HWP-SH SERIES Hollow washer plugs	 KD11-SH SERIES Off-white crepe paper masking tape	 KD-SH SERIES Off-white crepe paper masking discs

CAPPLUGS® PRODUCTS

SHERCON® MASKING (cont.)

For more information and to request free samples, contact us at (+31) 73 643 02 88.

 KP-SH SERIES Amber polyimide masking discs	 LEPP-SH SERIES Silicone Ultrabake leading exit pull plugs	 LF-SH SERIES Silver lead foil masking discs	 MDT-SH SERIES Multi-diameter tubing	 MKITS HVC SERIES High-temperature vinyl masking kit	 MKITS VC SERIES Standard vinyl masking kit	 MPP-SH SERIES Multi-purpose plugs	 MSP-SH SERIES Extra long silicone plugs
 MT-SH SERIES Mouse-tail pull plugs	 NPTF-SH SERIES Push-in plugs for NPT threaded fittings	 PB-SH SERIES Blue polyester masking discs	 PC11-SH SERIES Red polyester masking tape	 PC198-SH SERIES White glass cloth masking tape	 PC21-SH SERIES Green polyester masking tape	 PC25-SH SERIES Green heavy-duty polyester masking tape	 PC30-SH SERIES Yellow polyester masking tape
 PC90-SH SERIES Blue polyester masking tape	 PC-SH SERIES Green polyester masking discs	 PC-SH SERIES RECTANGLE PC21 green polyester die-cut tape rectangles	 PC-SH SERIES SQUARE PC21 green polyester die-cut tape squares	 PCD-SH SERIES PC21 green polyester die-cut tape donuts	 PP-SH SERIES EPDM pull plugs	 PR-SH SERIES Red polyester masking discs	 PSC SERIES Straight paper caps
 PTC SERIES Tapered paper caps	 PTM-SH SERIES Silicone Ultrabake caps/plugs	 PTP SERIES Tapered paper plugs	 RC-SH SERIES EPDM rubber masking caps	 RCK-SH SERIES Regular cork plugs	 RMCP-SH SERIES Rubber masking cap/plug	 RSP-SH SERIES Rubber resealable plugs	 RSPSF-SH SERIES Sulfur free resealable push-in-plugs

SHERCON® MASKING (cont.)

 SC-SH SERIES Silicone caps	 SCK-SH SERIES Short cork plugs	 SFC SERIES Silicone flange caps	 SFP-SH SERIES Silicone flanged cap/plugs	 SHPP-SH SERIES Silicone hollow pull plugs	 SK-SH SERIES Masking starter kits	 SP-SH SERIES Silicone step plugs	 SPP-SH SERIES Silicone pull plugs
 SRC-MED SERIES Medical silicone caps	 SRC-SH SERIES Silicone grounding caps	 SRT-SH SERIES Silicone tape	 ST-SH SERIES Silicone tubing	 STPS-SH SERIES Self-threading plugs	 SWP SERIES Silicone washer plugs	 TF-SH SERIES Gray Teflon masking discs	 TOL SERIES Tape on liner
 TS SERIES Tapered silicone caps and plugs	 TSV SERIES Silicone vented tapered caps and plugs	 UC-SH SERIES Silicone cord	 UDPP-SH SERIES Silicone dual purpose plugs	 UFP-SH SERIES Silicone flangeless plugs	 UHCP-SH SERIES Silicone hollow cone plugs	 UMFP-SH SERIES Silicone multi-flanged plugs	 UP-SH SERIES Silicone plugs
 UPH-SH SERIES Silicone plugs with handles	 US-SH SERIES Silicone sheeting	 UST-SH SERIES Silicone star tubing	 UTM-SH SERIES Silicone thread masks	 UVCP-SH SERIES Silicone venting cap/plug	 UW-SH SERIES Silicone washer plugs	 UWM-SH SERIES Silicone washer masks	 UWPP-SH SERIES Silicone washer pull plugs

CAPPLUGS® PRODUCTS

SHERCON® MASKING (cont.)

For more information and to request free samples, contact us at (+31) 73 643 02 88.



WPPLS-SH SERIES
Silicone washer pull plugs - long series



WBD-SH SERIES
Polyester Washbone discs



WC-SH SERIES
Silicone washer caps



WNP-SH SERIES
Weld nut pull plugs



ZC-SH SERIES
Silicone Zerk caps

SHERCON® MASKING hook and racks



BCB-SH SERIES
Modular rack bottom cross bar



C-SH SERIES
Designed for powder and e-coating processes



CB-SH SERIES
Modular rack rectangular cross bar



CV-SH SERIES
Designed for powder and e-coating processes



ROD-SH SERIES
Rod and clip set for modular rack



S-SH SERIES
Designed for powder and e-coating processes



SB-SH SERIES
Smart Bar™



SHVA-SH SERIES
Designed for liquid and powder coating processes



SHVB-SH SERIES
Designed for liquid and powder coating processes



SHVC-SH SERIES
Designed for liquid and powder coating processes



SPLINE-SH SERIES
Modular rack part



SQV-SH SERIES
Designed for powder and e-coating processes



TCB-SH SERIES
Top cross bar for modular rack



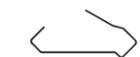
TH-SH SERIES
'T' hook for modular rack



UWH-SH SERIES
Spin hooks



V-SH SERIES
Designed for powder and e-coating processes



VB-SH SERIES
Smart Hooks™ lock into position

PACKAGING AND NETTING



CBW SERIES
Cut Bottle-Web™ netting



CSV SERIES
Container square vial



CSW SERIES
Cut Sleeve-Web™ netting



CSWF SERIES
Sleeve-Web™ instrument guards for medical tools



CSWF-C SERIES
Sleeve-Web™ instrument guards for medical tools



CVC SERIES
Hinged containers



CVV SERIES
Two-piece vials



PKGC SERIES
Packaging caps



PMW SERIES
Flat sheet netting



SCP SERIES
Shipping cap protectors



STP SERIES
Shallow tube plugs for packaging tubes



SVV SERIES
Sterilization Caps



SW SERIES
Sleeve-Web™ netting



SWI SERIES
Sleeve-Web™ with rust inhibitor



TE SERIES
Tube end plugs



TE-HNG SERIES
Tube end hanger plugs



TE-TAB SERIES
Tube end plugs with tabs



TRC SERIES
Closed-end tubing



TRO SERIES
Open-end tubing



TSC SERIES
Square closed-end tubing



TSE SERIES
Tube square-end plugs



TSO SERIES
Square open-end tubing



VHC SERIES
Vinyl hanger caps



VHR SERIES
Vinyl hanger tips (round)



VSE SERIES
Vinyl square end-caps

CAPPLUGS® PRODUCTS

MORE PROTECTION

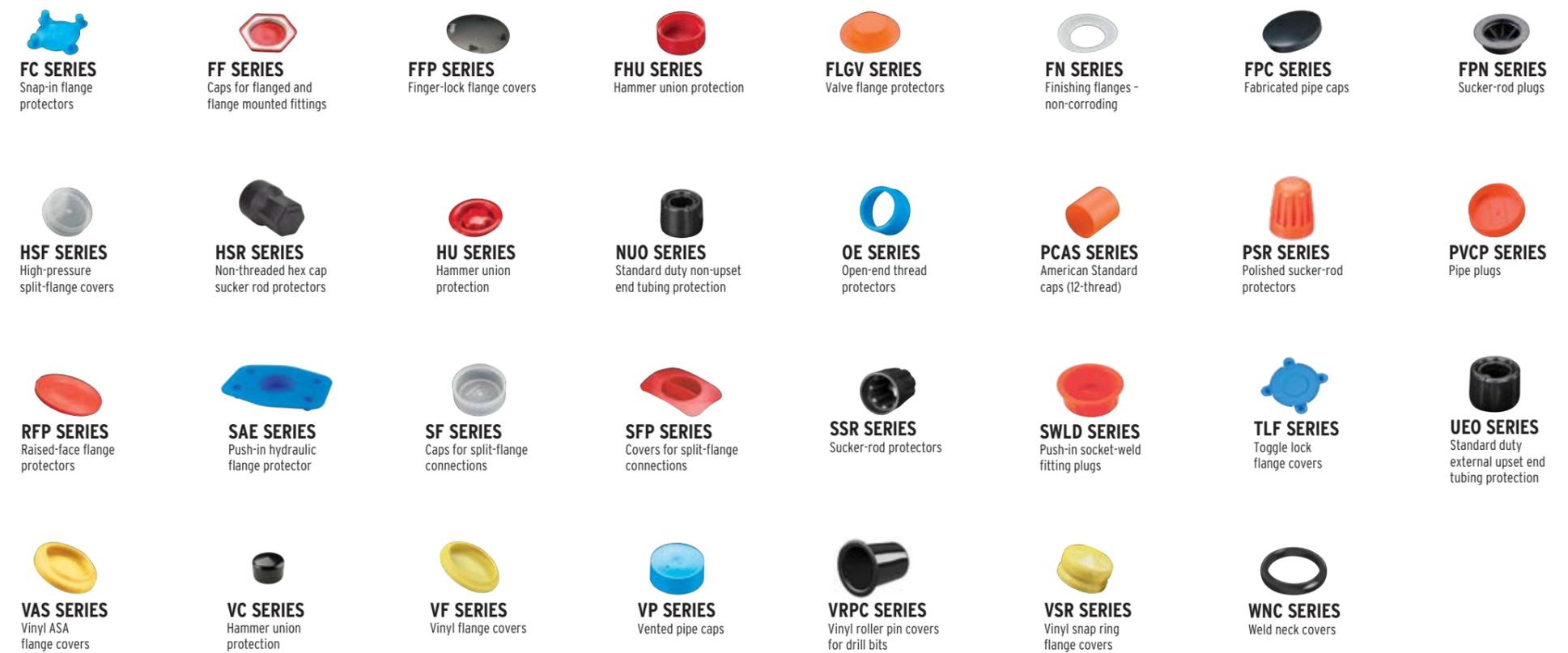
For more information and to request free samples, contact us at (+31) 73 643 02 88.



PIPE AND FLANGE



PIPE AND FLANGE (cont.)



CAPPLUGS® PRODUCTS

ELECTRONICS

For more information and to request free samples, contact us at (+31) 73 643 02 88.

- | | | | | | | | |
|--|---|--|--|---|---|---|--|
| 
AS138 SERIES
Electrical connector dust caps | 
C SERIES
Straight-sided utility caps | 
CBC SERIES
Coaxial cable connector caps | 
CEC SERIES
Conductive caps for threaded and non-threaded connectors | 
CEG SERIES
Conductive edge liners | 
CEP SERIES
Conductive plugs for threaded connectors | 
DCC SERIES
D-subminiature rectangular connectors | 
DCF SERIES
D-subminiature connectors with flared shells |
| 
DMC SERIES
Protective dust cap | 
DP SERIES
For ITT Cannon-style connectors | 
DS SERIES
ESD D-subminiature caps | 
E SERIES
Straight-sided utility plugs | 
EC SERIES
Caps for threaded connectors | 
EMC SERIES
Static dissipative and conductive protectors for electro miniature connectors | 
EP SERIES
Plugs for threaded connectors | 
IEC SERIES
Plugs for female connectors |
| 
K SERIES
Plugs for round tubing | 
MDC SERIES
Caps for Micro-D connectors | 
MSC SERIES
ESD connector caps | 
MSC SERIES
ESD connector plugs | 
PPC SERIES
Power cord protection | 
RJ SERIES
RJ45 ethernet jack protective plugs | 
SEC SERIES
Static dissipative caps for threaded connectors | 
SEP SERIES
Static dissipative plugs for threaded connectors |
| 
USB-A SERIES
Caps for USB Type A cable ends | 
USB-B SERIES
Plugs for Type B female ports | | | | | | |

COMPRESSED GAS

- | | | | | | | |
|---|--|---|---|--|--|---|
| 
BC SERIES
Cylinder valve threaded caps | 
MOC SERIES
Mobile oxygen caps | 
PCAP SERIES
Propane caps | 
PVW SERIES
Post-valve wrench for medical gas cylinders | 
SVS SERIES
Oxygen cylinder post-valve sleeves | 
TES SERIES
Tamper-evident seals | 
UES SERIES
Universal use-evident cap/plug straps |
|---|--|---|---|--|--|---|

MARKETS SERVED



General Manufacturing | Automotive | Medical Masking | Energy/Oil & Gas | Hydraulics | Labware | Electronics | Packaging | Finishing | Aviation/Aerospace | Rail HVAC | Metal Fabrication | Consumer Goods



Leaders in plastic moulding

As leaders in plastic moulding and extrusion for more than 70 years, we are trusted suppliers to a wide variety of industries. This experience provides our customers the technical expertise and support to find the right solution quickly and easily. We are built to serve all markets offering flexibility, scalability and an ISO-certified quality management process for consistent quality you can rely on.

Global Powerhouse

Caplugs® is the leader in custom moulded components, masking solutions and product protection. We provide the personalized service, range of capabilities, manufacturing expertise and scalable infrastructure to be your trusted partner.

10
global
manufacturing
facilities

30+
in-field
product
specialists



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Nieuwe Waterweg 10
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- Manufacturing Plants
- In-Field Managers