



Weldalloy
Hose Protection

LoVen
Vinyl Products



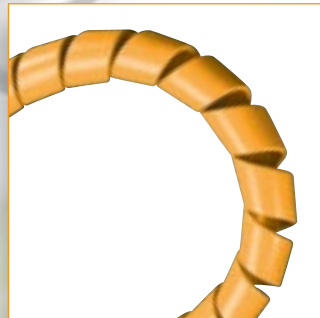
CAPPLUGS IN EUROPE

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 US, Caplugs is growing our manufacturing and distribution 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 in the coming months.

With time, we will have the largest catalog offering and the most comprehensive custom moulding capabilities available, from a single source.



World's Leading Manufacturer of Sprial Protective Wrap.

Weldalloy Europe
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7822 Meslin L'évêque
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European Market Leader in Special and Dip-moulded Products

LoVen Special Products
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Worldwide Leader in Product Protection

If you are interested in the full range of Caplugs products not yet manufactured in Europe, please visit www.caplugs.com/sales-reps to find your local sales office or contact our sales team.

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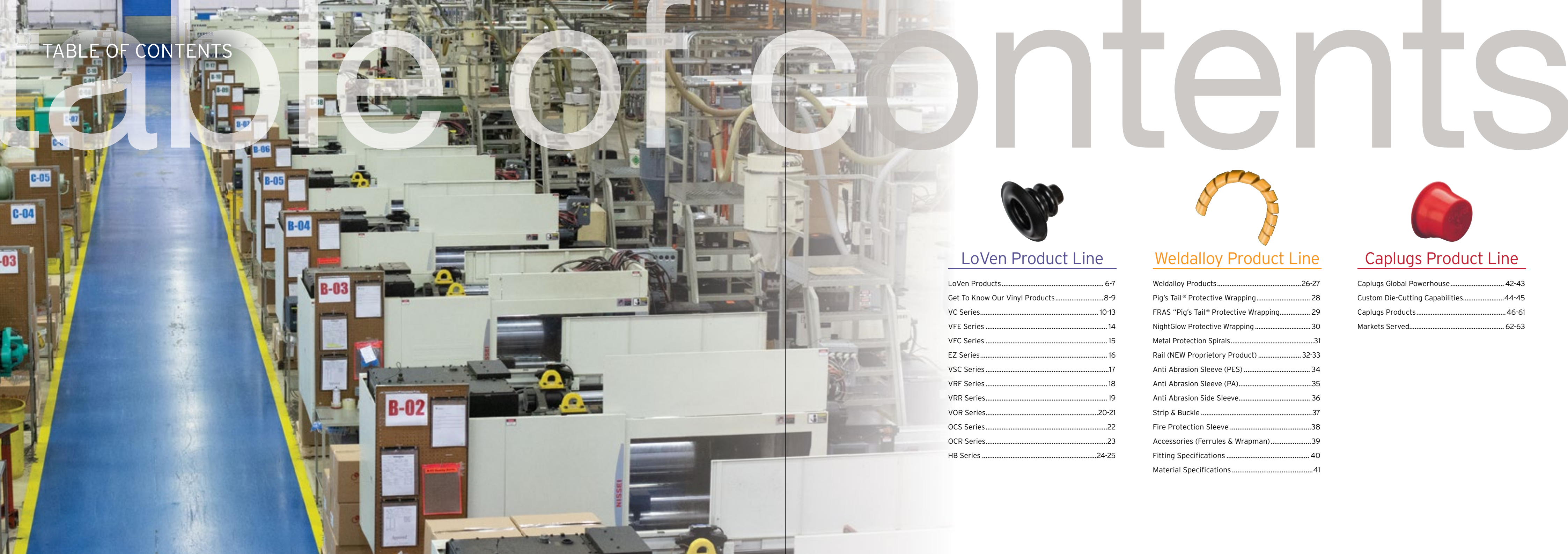


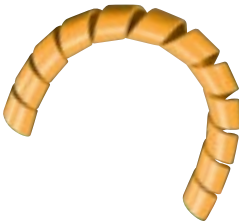
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LOVEN PRODUCTS



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, they continue to grow globally adding manufacturing locations to broaden their reach, product offering and moulding capabilities. Committed to excellence in service, the 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 Special Products in the Netherlands and Weldalloy Plastic Hose Protection in Belgium in 2018. Today the companies are still operating as they have been to ensure no disruption in quality or service. We are able to share a sales team to help our customers understand our full breadth of offering and capability. As Caplugs continues to grow, we will integrate more capabilities and products, but remain focused on bringing you the same quality product you trust today.



GET TO KNOW OUR VINYL PRODUCTS

Vinyl Dip Coating

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

Bellows

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

Leader in Dip Moulded Vinyl

- Quality of vinyl - non phthalate - we blend our own plastisol in house for total quality control
- 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 & 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 colors or let us color 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 color coding, for masking during painting and a wide variety of other applications.

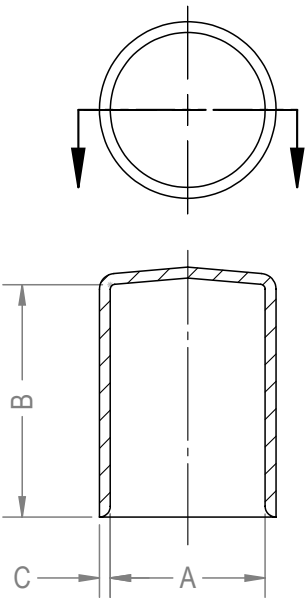
- 150+ Sizes available
- Stocked in diameters ranging from 2 to 203 mm
- Custom lengths available using existing tools
- Flexible vinyl provides a snug fit
- Provides a finished look to open pipe and tube ends
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl **Standard Colors:** Black, Yellow and Red

Note: Additional colors available, but not stocked:

- RAL 5017/5003 Blue
- RAL 7001/7036 Gray
- RAL 3000 Red
- Color Matching Available

Parts can be made in a variety of lengths and colors, please contact your Customer Service Representative for more information.



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pak Quantity
	In	mm	In	mm	In	mm		
VC-0020-0130	0.512	2	0.512	13	0.039	1	5000	1000
VC-0028-0130	0.512	2.8	0.512	13	0.039	1	5000	1000
VC-0030-0130	0.512	3	0.512	13	0.051	1.3	5000	1000
VC-0032-0130	0.512	3.2	0.512	13	0.051	1.3	5000	1000
VC-0035-0130	0.512	3.5	0.512	13	0.051	1.3	5000	1000
VC-0035-0190	0.748	3.5	0.748	19	0.051	1.3	5000	1000
VC-0039-0130	0.512	3.9	0.512	13	0.051	1.3	5000	1000
VC-0039-0190	0.748	3.9	0.748	19	0.051	1.3	5000	1000
VC-0044-0130	0.512	4.4	0.512	13	0.051	1.3	5000	1000
VC-0044-0190	0.748	4.4	0.748	19	0.051	1.3	5000	1000
VC-0048-0130	0.512	4.8	0.512	13	0.051	1.3	5000	1000
VC-0048-0190	0.748	4.8	0.748	19	0.051	1.3	5000	1000
VC-0050-0130	0.512	5	0.512	13	0.051	1.3	5000	1000
VC-0050-0190	0.748	5	0.748	19	0.051	1.3	5000	1000
VC-0053-0130	0.512	5.3	0.512	13	0.051	1.3	5000	1000
VC-0053-0190	0.748	5.3	0.748	19	0.051	1.3	5000	1000
VC-0055-0130	0.512	5.5	0.512	13	0.051	1.3	5000	1000
VC-0055-0190	0.748	5.5	0.748	19	0.051	1.3	5000	1000
VC-0058-0130	0.512	5.8	0.512	13	0.051	1.3	5000	1000
VC-0058-0190	0.748	5.8	0.748	19	0.051	1.3	5000	1000
VC-0063-0130	0.512	6.3	0.512	13	0.051	1.3	5000	1000
VC-0063-0190	0.748	6.3	0.748	19	0.051	1.3	5000	1000
VC-0070-0130	0.512	7	0.512	13	0.051	1.3	5000	1000
VC-0070-0190	0.748	7	0.748	19	0.051	1.3	5000	1000
VC-0075-0130	0.512	7.5	0.512	13	0.051	1.3	5000	1000
VC-0075-0190	0.748	7.5	0.748	19	0.051	1.3	5000	1000
VC-0079-0130	0.512	7.9	0.512	13	0.051	1.3	5000	1000
VC-0079-0190	0.748	7.9	0.748	19	0.051	1.3	5000	1000
VC-0083-0130	0.512	8.3	0.512	13	0.051	1.3	5000	1000
VC-0083-0190	0.748	8.3	0.748	19	0.051	1.3	5000	1000
VC-0087-0130	0.512	8.7	0.512	13	0.051	1.3	5000	1000
VC-0087-0190	0.748	8.7	0.748	19	0.051	1.3	5000	1000
VC-0090-0130	0.512	9	0.512	13	0.051	1.3	5000	1000
VC-0090-0190	0.748	9	0.748	19	0.051	1.3	5000	1000
VC-0093-0130	0.512	9.3	0.512	13	0.051	1.3	5000	1000
VC-0093-0190	0.748	9.3	0.748	19	0.051	1.3	5000	1000
VC-0095-0130	0.512	9.5	0.512	13	0.051	1.3	5000	1000
VC-0095-0190	0.748	9.5	0.748	19	0.051	1.3	5000	1000
VC-0100-0130	0.512	10	0.512	13	0.051	1.3	5000	1000
VC-0100-0190	0.748	10	0.748	19	0.051	1.3	5000	1000
VC-0111-0130	0.512	11.1	0.512	13	0.051	1.3	5000	1000
VC-0111-0190	0.748	11.1	0.748	19	0.051	1.3	5000	1000
VC-0116-0130	0.512	11.6	0.512	13	0.051	1.3	5000	1000
VC-0116-0190	0.748	11.6	0.748	19	0.051	1.3	5000	1000

Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pak Quantity
	In	mm	In	mm	In	mm		
VC-0120-0130	0.512	12	0.512	13	0.051	1.3	5000	1000
VC-0120-0190	0.748	12	0.748	19	0.051	1.3	5000	1000
VC-0125-0130	0.512	12.5	0.512	13	0.059	1.5	5000	1000
VC-0125-0190	0.748	12.5	0.748	19	0.059	1.5	5000	1000
VC-0131-0130	0.512	13.1	0.512	13	0.059	1.5	2500	500
VC-0131-0190	0.748	13.1	0.748	19	0.059	1.5	2500	500
VC-0135-0130	0.512	13.5	0.512	13	0.059	1.5	2500	500
VC-0135-0190	0.748	13.5	0.748	19	0.059	1.5	2500	500
VC-0138-0130	0.512	13.8	0.512	13	0.059	1.5	2500	500
VC-0138-0190	0.748	13.8	0.748	19	0.059	1.5	2500	500
VC-0143-0130	0.512	14.3	0.512	13	0.059	1.5	2500	500
VC-0143-0190	0.748	14.3	0.748	19	0.059	1.5	2500	500
VC-0150-0130	0.512	15	0.512	13	0.059	1.5	2500	500
VC-0150-0190	0.748	15	0.748	19	0.059	1.5	2500	500
VC-0155-0130	0.512	15.5	0.512	13	0.059	1.5	2500	500
VC-0155-0250	0.984	15.5	0.984	25	0.059	1.5	2500	500
VC-0158-0130	0.512	15.8	0.512	13	0.059	1.5	2500	500
VC-0158-0250	0.984	15.8	0.984	25	0.059	1.5	2500	500
VC-0170-0130	0.512	17	0.512	13	0.059	1.5	2500	500
VC-0170-0250	0.984	17	0.984	25	0.059	1.5	2500	500
VC-0174-0130	0.512	17.4	0.512	13	0.059	1.5	2500	500
VC-0174-0250	0.984	17.4	0.984	25	0.059	1.5	2500	500
VC-0174-0380	1.496	17.4	1.496	38	0.059	1.5	2500	500
VC-0180-0130	0.512	18	0.512	13	0.059	1.5	2500	500
VC-0180-0250	0.984	18	0.984	25	0.059	1.5	2500	500
VC-0186-0130	0.512	18.6	0.512	13	0.059	1.5	2500	500
VC-0186-0250	0.984	18.6	0.984	25	0.059	1.5	2500	500
VC-0190-0130	0.512	19	0.512	13	0.059	1.5	2500	500
VC-0190-0250	0.984	19	0.984	25	0.059	1.5	2500	500
VC-0190-0380	1.496	19	1.496	38	0.059	1.5	2500	500
VC-0200-0130	0.512	20	0.512	13	0.059	1.5	2500	500
VC-0200-0250	0.984	20	0.984	25	0.059	1.5	2500	500
VC-0200-0380	1.496	20	1.496	38	0.059	1.5	2500	500
VC-0206-0130	0.512	20.6	0.512	13	0.059	1.5	2500	500
VC-0206-0250	0.984	20.6	0.984	25	0.059	1.5	2500	500
VC-0206-0380	1.496	20.6	1.496	38	0.059	1.5	2500	500
VC-0214-0130	0.512	21.4	0.512	13	0.059	1.5	2500	500
VC-0214-0250	0.984	21.4	0.984	25	0.059	1.5	2500	500
VC-0214-0380	1.496	21.4	1.496	38	0.059	1.5	2500	500
VC-0220-0130	0.512	22	0.512	13	0.067	1.7	2500	500
VC-0220-0250	0.984	22	0.984	25	0.067	1.7	2500	500
VC-0220-0380	1.496	22	1.496	38	0.067	1.7	2500	500

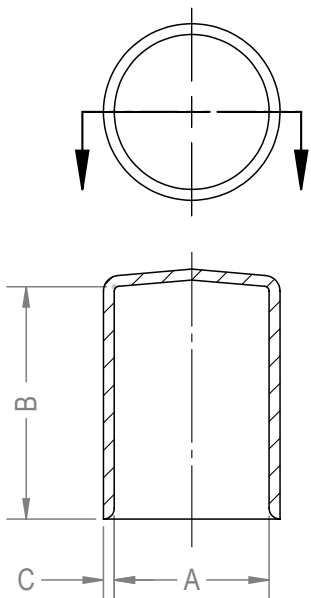
FLEXIBLE VINYL CAPS



LoVen Product Line

VC Series (cont.)

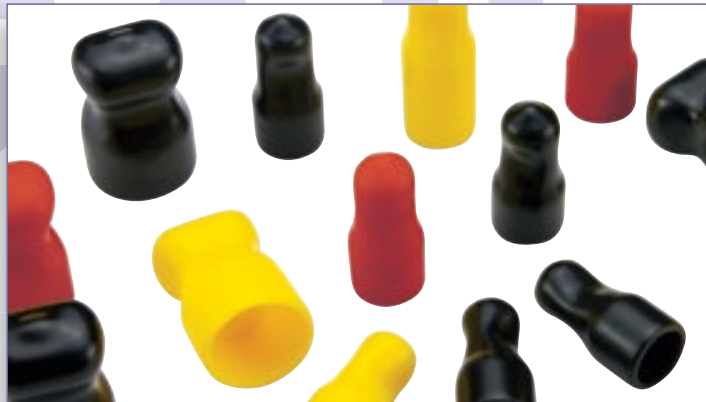
VC Series vinyl caps are flexible and durable protective closures that are ideal for use as thread protectors, dust and moisture seals, pipe and stud end color coding, for masking during painting and a wide variety of other applications.



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pak Quantity
	In	mm	In	mm	In	mm		
VC-0230-0130	0.512	23	0.512	13	0.067	1.7	2500	500
VC-0230-0250	0.984	23	0.984	25	0.067	1.7	2500	500
VC-0230-0380	1.496	23	1.496	38	0.067	1.7	2500	500
VC-0238-0130	0.512	23.8	0.512	13	0.067	1.7	2500	500
VC-0238-0250	0.984	23.8	0.984	25	0.067	1.7	2500	500
VC-0238-0380	1.496	23.8	1.496	38	0.067	1.7	2500	500
VC-0250-0130	0.512	25	0.512	13	0.067	1.7	2500	500
VC-0250-0250	0.984	25	0.984	25	0.067	1.7	2500	500
VC-0250-0380	1.496	25	1.496	38	0.067	1.7	2500	500
VC-0254-0130	0.512	25.4	0.512	13	0.067	1.7	2500	500
VC-0254-0250	0.984	25.4	0.984	25	0.067	1.7	2500	500
VC-0254-0380	1.496	25.4	1.496	38	0.067	1.7	2500	500
VC-0264-0130	0.512	26.4	0.512	13	0.067	1.7	2500	500
VC-0264-0250	0.984	26.4	0.984	25	0.067	1.7	2500	500
VC-0264-0380	1.496	26.4	1.496	38	0.067	1.7	2500	500
VC-0270-0130	0.512	27	0.512	13	0.067	1.7	2500	500
VC-0270-0250	0.984	27	0.984	25	0.067	1.7	2500	500
VC-0270-0380	1.496	27	1.496	38	0.067	1.7	2000	400
VC-0286-0130	0.512	28.6	0.512	13	0.067	1.7	2000	400
VC-0286-0250	0.984	28.6	0.984	25	0.067	1.7	2000	400
VC-0286-0380	1.496	28.6	1.496	38	0.067	1.7	2000	400
VC-0300-0250	0.984	30	0.984	25	0.067	1.7	1000	200
VC-0300-0380	1.496	30	1.496	38	0.067	1.7	1000	200
VC-0318-0250	0.984	31.8	0.984	25	0.067	1.7	1000	200
VC-0318-0380	1.496	31.8	1.496	38	0.067	1.7	1000	200
VC-0335-0250	0.984	33.5	0.984	25	0.067	1.7	1000	200
VC-0335-0380	1.496	33.5	1.496	38	0.067	1.7	1000	200
VC-0350-0250	0.984	35	0.984	25	0.067	1.7	1000	200
VC-0350-0380	1.496	35	1.496	38	0.067	1.7	1000	200
VC-0365-0250	0.984	36.5	0.984	25	0.067	1.7	500	100
VC-0365-0380	1.496	36.5	1.496	38	0.067	1.7	500	100
VC-0381-0250	0.984	38.1	0.984	25	0.067	1.7	500	100
VC-0381-0380	1.496	38.1	1.496	38	0.067	1.7	500	100
VC-0400-0250	0.984	40	0.984	25	0.067	1.7	500	100
VC-0400-0380	1.496	40	1.496	38	0.067	1.7	500	100
VC-0413-0250	0.984	41.3	0.984	25	0.067	1.7	500	100
VC-0413-0380	1.496	41.3	1.496	38	0.067	1.7	500	100
VC-0424-0250	0.984	42.4	0.984	25	0.067	1.7	500	100
VC-0424-0380	1.496	42.4	1.496	38	0.067	1.7	500	100
VC-0444-0250	0.984	44.4	0.984	25	0.067	1.7	500	100
VC-0444-0380	1.496	44.4	1.496	38	0.067	1.7	500	100
VC-0476-0250	0.984	47.6	0.984	25	0.067	1.7	500	100
VC-0476-0380	1.496	47.6	1.496	38	0.067	1.7	500	100
VC-0500-0250	0.984	50	0.984	25	0.067	1.7	250	50
VC-0500-0380	1.496	50	1.496	38	0.067	1.7	250	50

Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pak Quantity
	In	mm	In	mm	In	mm		
VC-0530-0250	0.984	53	0.984	25	0.067	1.7	250	50
VC-0530-0380	1.496	53	1.496	38	0.067	1.7	250	50
VC-0540-0250	0.984	54	0.984	25	0.067	1.7	250	50
VC-0540-0380	1.496	54	1.496	38	0.067	1.7	250	50
VC-0570-0250	0.984	57	0.984	25	0.067	1.7	250	50
VC-0570-0380	1.496	57	1.496	38	0.067	1.7	250	50
VC-0590-0250	0.984	59	0.984	25	0.067	1.7	250	50
VC-0590-0380	1.496	59	1.496	38	0.067	1.7	250	50
VC-0600-0250	0.984	60	0.984	25	0.067	1.7	250	50
VC-0600-0380	1.496	60	1.496	38	0.067	1.7	250	50
VC-0635-0250	0.984	63.5	0.984	25	0.067	1.7	250	50
VC-0635-0380	1.496	63.5	1.496	38	0.067	1.7	250	50
VC-0666-0250	0.984	66.6	0.984	25	0.067	1.7	250	50
VC-0666-0380	1.496	66.6	1.496	38	0.067	1.7	250	50
VC-0698-0250	0.984	69.8	0.984	25	0.067	1.7	250	50
VC-0698-0380	1.496	69.8	1.496	38	0.067	1.7	250	50
VC-0730-0250	0.984	73	0.984	25	0.067	1.7	250	50
VC-0730-0380	1.496	73	1.496	38	0.067	1.7	250	50
VC-0760-0250	0.984	76	0.984	25	0.067	1.7	250	50
VC-0760-0380	1.496	76	1.496	38	0.067	1.7	250	50
VC-0815-0250	0.984	81.5	0.984	25	0.067	1.7	150	-
VC-0815-0380	1.496	81.5	1.496	38	0.067	1.7	150	-
VC-0858-0250	0.984	85.8	0.984	25	0.067	1.7	150	-
VC-0858-0380	1.496	85.8	1.496	38	0.067	1.7	150	-
VC-0889-0250	0.984	88.9	0.984	25	0.067	1.7	150	-
VC-0889-0380	1.496	88.9	1.496	38	0.067	1.7	150	-
VC-0900-0250	0.984	90	0.984	25	0.067	1.7	150	-
VC-0900-0380	1.496	90	1.496	38	0.067	1.7	150	-
VC-1000-0250	0.984	100	0.984	25	0.067	1.7	50	-
VC-1000-0380	1.496	100	1.496	38	0.067	1.7	50	-
VC-1015-0250	0.984	101.5	0.984	25	0.067	1.7	50	-
VC-1015-0380	1.496	101.5	1.496	38	0.067	1.7	50	-
VC-1140-0250	0.984	114	0.984	25	0.067	1.7	50	-
VC-1140-0380	1.496	114	1.496	38	0.067	1.7	50	-
VC-1200-0250	0.984	120	0.984	25	0.067	1.7	50	-
VC-1200-0380	1.496	120	1.496	38	0.067	1.7	50	-
VC-1520-0250	0.984	152	0.984	25	0.067	1.7	50	-
VC-1520-0380	1.496	152	1.496	38	0.067	1.7	50	-
VC-1650-0250	0.984	165	0.984	25	0.067	1.7	50	-
VC-1650-0380	1.496	165	1.496	38	0.067	1.7	50	-
VC-1710-0250	0.984	171	0.984	25	0.067	1.7	50	-
VC-1710-0380	1.496	171	1.496	38	0.067	1.7	50	-
VC-2030-0250	0.984	203	0.984	25	0.067	1.7	40	-
VC-2030-0380	1.496	203	1.496	38	0.067	1.7	40	-

FLEXIBLE VINYL CAPS



LoVen Product Line

VFE Series

Flexible Vinyl Caps with Flat 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.

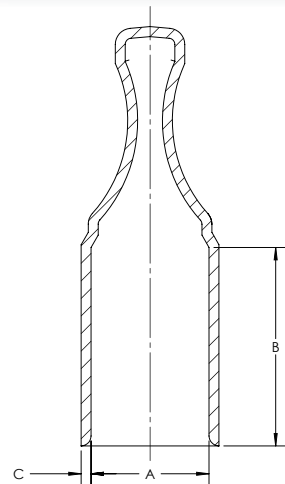
- 35+ Sizes available
- Stocked in diameters ranging from 4.8 to 28.6 mm
- Custom lengths available using existing tools
- Flexible vinyl provides a snug fit
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl **Standard Colors:** Black, Yellow and Red

Note: Additional colors available, but not stocked:

- RAL 5017/5003 Blue
- RAL 7001/7036 Gray
- RAL 3000 Red
- Color Matching Available

Parts can be made in a variety of lengths and colors, please contact your Customer Service Representative for more information.



Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pak Quantity
	In	mm	In	mm	In	mm		
VFE-0048-0130	0.512	4.8	0.512	13	0.051	1.3	5000	1000
VFE-0075-0130	0.512	7.5	0.512	13	0.051	1.3	5000	1000
VFE-0075-0250	0.984	7.5	0.984	25	0.051	1.3	5000	1000
VFE-0077-0130	0.512	7.7	0.512	13	0.051	1.3	5000	1000
VFE-0077-0250	0.984	7.7	0.984	25	0.051	1.3	5000	1000
VFE-0080-0130	0.512	8	0.512	13	0.051	1.3	5000	1000
VFE-0080-0250	0.984	8	0.984	25	0.051	1.3	5000	1000
VFE-0091-0130	0.512	9.1	0.512	13	0.051	1.3	5000	1000
VFE-0091-0250	0.984	9.1	0.984	25	0.051	1.3	5000	1000
VFE-0095-0130	0.512	9.5	0.512	13	0.051	1.3	5000	1000
VFE-0095-0250	0.984	9.5	0.984	25	0.051	1.3	5000	1000
VFE-0097-0130	0.512	9.7	0.512	13	0.051	1.3	5000	1000
VFE-0097-0250	0.984	9.7	0.984	25	0.051	1.3	5000	1000
VFE-0108-0130	0.512	10.8	0.512	13	0.051	1.3	5000	1000
VFE-0108-0250	0.984	10.8	0.984	25	0.051	1.3	5000	1000
VFE-0111-0130	0.512	11.1	0.512	13	0.051	1.3	5000	1000
VFE-0111-0250	0.984	11.1	0.984	25	0.051	1.3	5000	1000
VFE-0119-0130	0.512	11.9	0.512	13	0.051	1.3	5000	1000
VFE-0119-0250	0.984	11.9	0.984	25	0.051	1.3	5000	1000
VFE-0124-0130	0.512	12.4	0.512	13	0.059	1.5	5000	1000
VFE-0124-0250	0.984	12.4	0.984	25	0.059	1.5	5000	1000
VFE-0132-0130	0.512	13.2	0.512	13	0.059	1.5	5000	1000
VFE-0132-0250	0.984	13.2	0.984	25	0.059	1.5	5000	1000
VFE-0152-0130	0.512	15.2	0.512	13	0.059	1.5	2000	400
VFE-0152-0250	0.984	15.2	0.984	25	0.059	1.5	2000	400
VFE-0156-0130	0.512	15.6	0.512	13	0.059	1.5	2000	400
VFE-0156-0250	0.984	15.6	0.984	25	0.059	1.5	2000	400
VFE-0159-0130	0.512	15.9	0.512	13	0.059	1.5	2000	400
VFE-0159-0250	0.984	15.9	0.984	25	0.059	1.5	2000	400
VFE-0163-0130	0.512	16.3	0.512	13	0.059	1.5	2000	400
VFE-0163-0250	0.984	16.3	0.984	25	0.059	1.5	2000	400
VFE-0170-0130	0.512	17	0.512	13	0.059	1.5	2000	400
VFE-0217-0130	0.512	21.7	0.512	13	0.059	1.5	2000	400
VFE-0217-0250	0.984	21.7	0.984	25	0.059	1.5	2000	400
VFE-0280-0130	0.512	28	0.512	13	0.067	1.7	2000	400
VFE-0280-0250	0.984	28	0.984	25	0.067	1.7	2000	400
VFE-0286-0130	0.512	28.6	0.512	13	0.067	1.7	2000	400
VFE-0286-0250	0.984	28.6	0.984	25	0.067	1.7	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.

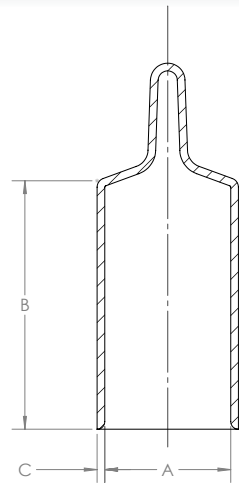
- 15+ Sizes available
- Stocked in diameters ranging from 5.9mm to 14 mm
- Custom lengths available using existing tools
- Flexible vinyl provides a snug fit
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl **Standard Colors:** Black, Yellow and Red

Note: Additional colors available, but not stocked:

- RAL 5017/5003 Blue
- RAL 7001/7036 Gray
- RAL 3000 Red
- Color Matching Available

Parts can be made in a variety of lengths and colors, please contact your Customer Service Representative for more information.



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

FLEXIBLE VINYL CAPS



LoVen Product Line

EZ Series

Flexible Vinyl Caps with Flat 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 6mm to 15.4mm
- 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 Colors:** Black, Yellow and Red

- Note:** Additional colors available, but not stocked:
- RAL 5017/5003 Blue
 - RAL 7001/7036 Gray
 - RAL 3000 Red
 - Color Matching Available

Parts can be made in a variety of lengths and colors, please contact your Customer Service Representative for more information.

Caplugs No.	End Type	Dimensions						Packaging	
		Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pak Quantity
		In	mm	In	mm	In	mm		
EZ-0060-0130	Round	0.236	6	0.512	13	0.051	1.3	5000	1000
EZ-0060-0250	Round	0.984	6	0.984	25	0.051	1.3	5000	1000
EZ-0075-0130	Round	0.512	7.5	0.512	13	0.051	1.3	5000	1000
EZ-0075-0250	Round	0.984	7.5	0.984	25	0.051	1.3	5000	1000
EZ-0080-0130	Round	0.314	8	0.512	13	0.051	1.3	5000	1000
EZ-0080-0250	Round	0.314	8	0.984	25	0.051	1.3	5000	1000
EZ-0087-0130	Round	0.342	8.7	0.512	13	0.051	1.3	5000	1000
EZ-0087-0250	Round	0.342	8.7	0.984	25	0.051	1.3	5000	1000
EZ-0079-0130	Round	0.512	7.9	0.512	13	0.051	1.3	5000	1000
EZ-0079-0250	Round	0.984	7.9	0.984	25	0.051	1.3	5000	1000
EZ-0090-0130	Round	0.512	9	0.512	13	0.051	1.3	2500	500
EZ-0090-0250	Round	0.984	9	0.984	25	0.051	1.3	2500	500
EZ-0094-0130	Round	0.512	9.4	0.512	13	0.051	1.3	2500	500
EZ-0094-0250	Round	0.984	9.4	0.984	25	0.051	1.3	2500	500
EZ-0095-0130	Round	0.374	9.5	0.512	13	0.051	1.3	2500	500
EZ-0095-0250	Round	0.374	9.5	0.984	25	0.051	1.3	2500	500
EZ-0103-0130	Round	0.512	10.3	0.512	13	0.051	1.3	2500	500
EZ-0103-0250	Round	0.984	10.3	0.984	25	0.051	1.3	2500	500
EZ-0124-0130	Round	0.512	12.4	0.512	13	0.051	1.3	2500	500
EZ-0124-0250	Round	0.984	12.4	0.984	25	0.051	1.3	2500	500
EZ-0152-0130	Round	0.512	15.2	0.512	13	0.059	1.5	1500	300
EZ-0154-0130	Round	0.512	15.4	0.512	13	0.059	1.5	1500	300
EZ-0154-0250	Round	0.984	15.4	0.984	25	0.059	1.5	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.

- 8 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

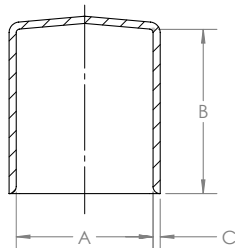
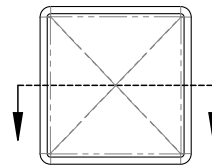
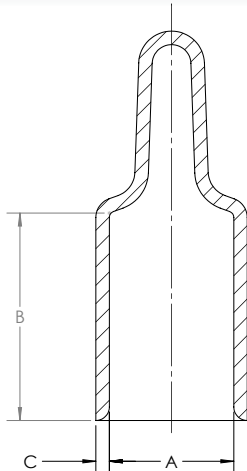
Material: Vinyl **Standard Colors:** Black, Yellow and Red

Note: Additional colors available, but not stocked:

- RAL 5017/5003 Blue
- RAL 7001/7036 Gray
- RAL 3000 Red
- Color Matching Available

Parts can be made in a variety of lengths and colors, please contact your Customer Service Representative for more information.

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



FLEXIBLE VINYL CAPS



LoVen Product Line

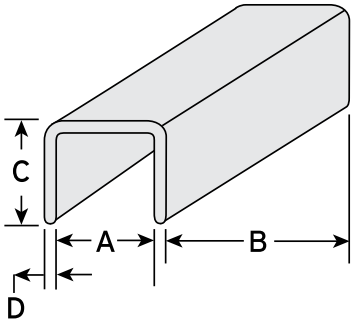
VRF Series

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
- New sizes are always being added

Material: Vinyl **Standard Colors:** Black, Red and Yellow
Optional Colors: White

- Lengths (B Dimension) are available in 1/16" (1.6mm) increments
Length tolerance is ±1/16" (1.6mm)
- Free sample requests are for parts listed in chart only



FLEX 500
Several vinyl series are available in temperature-resistant Flex500®

Caplugs No.	Dimensions						Packaging	
	Width A		Height C		Wall Thickness D		Carton Quantity	Mini Pak Quantity
	In	mm	In	mm	In	mm		
VRF-0016-0110-0254	0.433	11.9	1	1.6	0.051	1.3	5000	1000
VRF-0016-0119-0254	0.433	11.0	1	1.6	0.051	1.3	5000	1000
VRF-0020-0240-0254	0.945	24.0	0.079	2.0	0.051	1.3	2500	500
VRF-0030-0270-0254	1.063	27.0	0.118	3.0	0.059	1.5	2000	400
VRF-0030-0440-0254	1.732	44.0	0.118	3.0	0.059	1.5	2000	400
VRF-0040-0150-0254	0.591	15.0	0.157	4.0	0.059	1.5	3000	600
VRF-0040-0200-0254	0.787	20.0	0.157	4.0	0.059	1.5	2500	500
VRF-0040-0300-0254	1.181	30.0	0.157	4.0	0.059	1.5	1500	300
VRF-0045-0215-0254	0.846	21.5	0.177	4.5	0.059	1.5	2500	500
VRF-0047-0154-0254	0.606	15.4	0.185	4.7	0.059	1.5	3000	600
VRF-0048-0492-0254	1.937	49.2	0.189	4.8	0.059	1.5	1000	200
VRF-0050-0250-0254	0.984	25.0	0.197	5.0	0.059	1.5	1500	300
VRF-0050-0320-0254	1.260	32.0	0.197	5.0	0.059	1.5	1500	300
VRF-0050-0800-0254	3.150	80.0	0.197	5.0	0.059	1.5	750	150
VRF-0060-0200-0254	0.787	20.0	0.236	6.0	0.059	1.5	2000	400
VRF-0060-0300-0254	1.181	30.0	0.236	6.0	0.059	1.5	1000	200
VRF-0064-0127-0254	0.500	12.7	0.252	6.4	0.059	1.5	3000	600
VRF-0080-0120-0254	0.472	12.0	0.315	8.0	0.059	1.5	2000	400
VRF-0080-0200-0254	0.787	20.0	0.315	8.0	0.059	1.5	2000	400
VRF-0080-0250-0254	0.984	25.0	0.315	8.0	0.059	1.5	2000	400
VRF-0080-0270-0254	1.063	27.0	0.315	8.0	0.059	1.5	2000	400
VRF-0080-0500-0254	1.969	50.0	0.315	8.0	0.059	1.5	1000	200
VRF-0082-0180-0254	0.709	18.0	0.323	8.2	0.059	1.5	2000	400
VRF-0083-0560-0254	2.205	56.0	0.327	8.3	0.059	1.5	1000	200
VRF-0100-0150-0254	0.591	15.0	0.394	10.0	0.059	1.5	2500	500
VRF-0100-0500-0254	1.969	50.0	0.394	10.0	0.059	1.5	1000	200
VRF-0110-1080-0254	4.252	108.0	0.433	11.0	0.059	1.5	500	100
VRF-0120-0240-0254	0.945	24.0	0.472	12.0	0.067	1.7	1000	200
VRF-0130-0450-0254	1.772	45.0	0.512	13.0	0.067	1.7	1000	200
VRF-0150-0300-0254	1.181	30.0	0.591	15.0	0.067	1.7	1000	200
VRF-0150-0400-0254	1.575	40.0	0.591	15.0	0.067	1.7	1000	200
VRF-0200-0400-0254	1.575	40.0	0.787	20.0	0.067	1.7	1000	200
VRF-0280-0660-0254	2.598	66.0	1.102	28.0	0.067	1.7	750	150
VRF-0290-0630-0254	2.480	63.0	1.142	29.0	0.067	1.7	750	150
VRF-0300-0500-0254	1.969	50.0	1.181	30.0	0.067	1.7	750	150
VRF-0302-0667-0254	2.626	66.7	1.189	30.2	0.067	1.7	750	150
VRF-0400-0800-0254	3.150	80.0	1.575	40.0	0.067	1.7	500	100
VRF-0900-1475-0254	5.807	147.5	3.543	90.0	0.067	1.7	250	250

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



LoVen Product Line

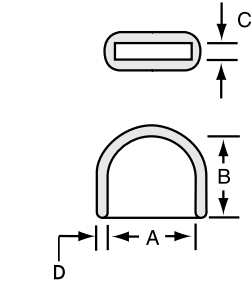
VRR Series

Vinyl Rectangular Caps and Grips (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
- New sizes are always being added
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl **Standard Colors:** Black, Red and Yellow
Optional Colors: White

- Lengths (B Dimension) are available in 1/16" (1.6mm) increments
Length tolerance is ± 2mm/0.079
Wall Thickness ± 0.25mm/0.0095
- Free sample requests are for parts listed in chart only



FLEX 500
Several vinyl series are available in temperature-resistant Flex500®

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

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

FLEXIBLE VINYL CAPS



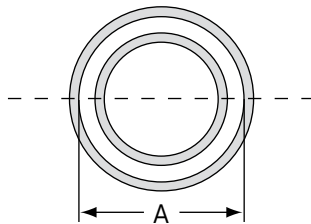
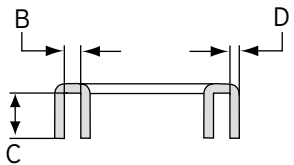
LoVen Product Line

VOR Series

Vinyl Ring for Tube End
VOR Series vinyl ring for tube end are designed to protect tube ends. Typically used in the automotive, scuba equipment and painting industries, these O-rings provide maximum protection against sharp edges.

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

Material: Vinyl **Standard Colors:** Black, Red and Yellow
Optional Colors: White



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

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

FLEXIBLE VINYL SLEEVES



LoVen Product Line

OCS Series

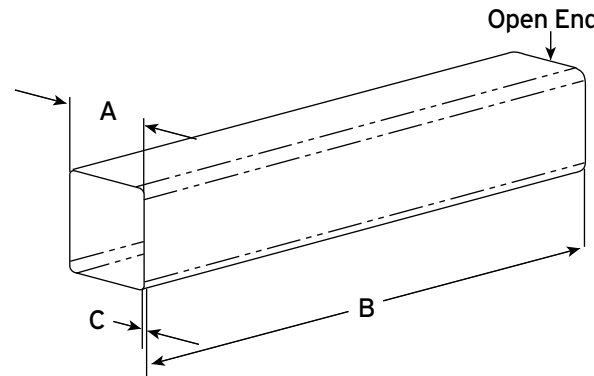
Vinyl Open Cover Square

Used on a variety of different post protection applications. Commonly used in the farming industry to protect the base of wild stock 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 Colors:** Black

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



LoVen Product Line

OCR Series

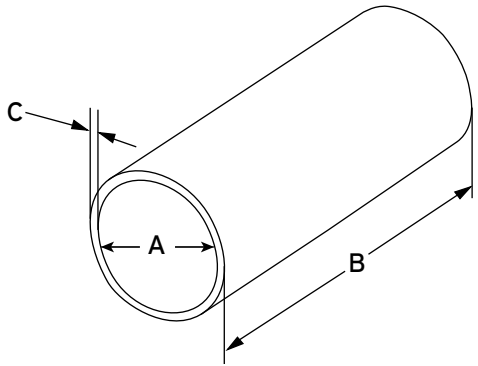
Vinyl Open Cover Round

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

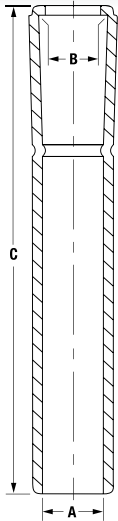
- Free sample requests are for parts listed in chart only
- New sizes are always being added

Material: Vinyl **Standard Colors:** Black

Caplugs No.	Dimensions						Packaging	
	Diameter A		Length B		Wall Thickness C		Carton Quantity	Mini Pak Quantity
	In	mm	In	mm	In	mm		
OCR-0330-1800	7.087	33	7.087	180	0.071	1.8	300	60
OCR-0480-1800	7.087	48	7.087	180	0.071	1.8	150	30
OCR-0600-1800	7.087	60	7.087	180	0.071	1.8	100	20
OCR-0760-1800	7.087	76	7.087	180	0.071	1.8	70	-
OCR-0800-1800	7.087	80	7.087	180	0.071	1.8	50	-
OCR-0890-1800	7.087	89	7.087	180	0.071	1.8	50	-
OCR-1020-1800	7.087	102	7.087	180	0.071	1.8	30	-
OCR-1130-1800	7.087	113	7.087	180	0.071	1.8	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 Colors:** Black

Caplugs No.	Dimensions						Packaging	
	Diameter A		Diameter B		Length C		Carton Quantity	Mini Pak Quantity
	In	mm	In	mm	In	mm		
HB-13	0.512	10.6	0.512	13.0	5.118	130	500	100
HB-14	0.512	10.7	0.512	13.0	5.118	130	500	100
HB-15	0.632	12.1	0.632	16.1	5.906	150	500	100
HB-16	0.744	12.2	0.744	18.9	7.480	190	500	100
HB-17	0.594	13.1	0.594	15.1	5.906	150	500	100
HB-18	0.750	14.2	0.750	19.0	7.283	185	500	100
HB-19	0.652	15.6	0.652	16.6	6.496	135	300	60
HB-50	0.723	17.0	0.723	18.4	7.480	190	300	60
HB-110	0.972	22.2	0.972	24.7	8.661	220	250	50
HB-120	1.575	27.5	1.575	40.0	9.449	240	250	50
HB-130	1.500	28.6	1.500	38.1	10.236	260	250	50

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

WELDALLOY PRODUCTS



The Weldalloy group of companies was acquired by Caplugs in 2018 with production facilities on three continents, 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.

Weldalloy Pty Ltd (Australia), Pig's Tail USA LLC (California - USA), Weldalloy Europe Sprl (Belgium - Europe)

Mission

Our mission is to grow our business by building and maintaining long-term partnerships with a diverse customer base, by providing our customers with superior products and service; to be leaders in innovation, by continually improving our processes, protective wrapping products and services; and to strive for perfection in on-time production and delivery, with a constant focus on quality.

Health, Safety and the Environment

Weldalloy Europe has policies in place and is committed to the responsible management of the health, safety and environmental aspects of its people, activities and products.





Weldalloy Product Line	Product Code	Internal Diameter (mm)*	External Diameter (mm)*	Wall Thickness (mm)	Pitch	Meters/ Box
Pig's Tail® Protective Wrapping Sizes: 15 Internal Diameter Range: 7mm - 148mm External Diameter Range: 9mm - 160mm Helix Width Range: 6.5mm - 60mm Pig's Tail® Protective Wrapping is made to protect hydraulic and pneumatic hoses against shocks, abrasion and deteriorations. As cost effectiveness is set to become a way of thinking, our Pig's Tail® Protective Wrapping can help you reduce your maintenance costs and equipment downtime. Made from HDPE (High Density Polyethylene*) 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 : <ul style="list-style-type: none">• 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 and red.	R9SSG	7	9	1,5	6,50	50
	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	12
	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



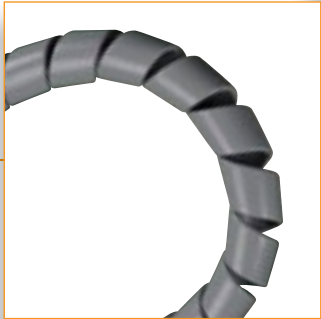
Weldalloy Product Line	Product Code	Internal Diameter (mm)*	External Diameter (mm)*	Wall Thickness (mm)	Pitch	Meters/ Box
Fras (Fire Retardant Anti Static) Sizes: 11 Internal Diameter Range: 9.5mm - 99mm External Diameter Range: 12.5mm - 110mm Helix Width Range: 10mm - 55mm FRAS “Pig's Tail® Protective 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: <ul style="list-style-type: none">• AS2600• AS1180.10B• AS1180.13A• MSHA - approved• SIMTARS• ATEX	FRAS12-50	10	12	1,5	10	20
	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



Weldalloy Product Line	Product Code	Internal Diameter (mm)*	External Diameter (mm)*	Wall Thickness (mm)	Pitch	Meter/ Box
Nightglow Protective Wrapping	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-20	87	110	5,5	55	20
<p>Sizes: 11</p> <p>Internal Diameter Range: 9.5mm - 99mm</p> <p>External Diameter Range: 12.5mm - 110mm</p> <p>Helix Width Range: 10mm - 55mm</p> <p>NightGlow Protective Wrapping is made from HDPE and photo luminescent.</p> <p>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!</p> <p>Ideal for mining, earth moving equipment, fencing, marine etc.</p> <p>Other advantages of the NightGlow Protective Wrapping :</p> <ul style="list-style-type: none"> • 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. 						



Weldalloy Product Line	Product Code	Internal Diameter (mm)	Length (mm)	Width (mm)	Wire Size (mm)
Metal Protection Spirals	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
<p>Sizes: 24</p> <p>Internal Diameter Range: 14mm - 68mm</p> <p>Width: 3 - 5,5</p> <p>Metal spirals are used for heavy duty applications. Important to protect hoses working in severe external conditions such as mining and stone quarries.</p> <p>• Free sample requests are for parts listed in chart only.</p> <p>Material: Steel</p> <p>Plating: High quality galvanized</p>					



Weldalloy Product Line

Rail (NEW Proprietary Product)

Change text: Pig's Tail RAIL is a highly modified polypropylene alloy compound meeting (VO) flame retardant requirements and certified according the norm EN 45545 In addition to high flame retardancy, it is halogen free and has extremely good balance of mechanical properties. The product fulfills the fire protection requirements R22 and R23 for the hazard level HL2. Pig's Tail RAIL meets the ISO 4589-2 and ISO 5659-2 Standards. The product fulfills the fire protection requirements R22 and R23 for the hazard level HL2. Pig's Tail RAIL 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 Code	Internal Diameter (mm)	Width (flat-mm)	Meter/Roll
Anti-Abrasion Sleeve (PES) Sizes: 14 Internal Diameter Range: 20mm - 150mm Made from high quality PolyethersulfoneIn yarn the Anti Abrasion Sleeve is a multi-purpose sleeve that can be used: <ul style="list-style-type: none">• As abrasion protection for hydraulic hoses• Against pin hole leakages• Bundling of hoses• To protect people from a nearby bursting hose Anti Abrasion Sleeve technical specifications <ul style="list-style-type: none">• MSHA Certified• MSTC - ISO8031 (electrical conductivity) - ISO8030 (fire resistance) Certification• Temperature Range:<ul style="list-style-type: none">- 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 & alkalis• Low dirt adhesion	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 Code	Internal Diameter (mm)	Width (flat-mm)	Meter/Roll
Anti Abrasion Sleeve (PA) Sizes: 15 Internal Diameter Range: 18mm - 150mm Made from high quality Polypropylene yarn the Anti Abrasion Sleeve is a multi-purpose sleeve that can be used: <ul style="list-style-type: none">• As abrasion protection for hydraulic hoses• Against pin hole leakages• Bundling of hoses• To protect people from a nearby bursting hose• Meets the requirements of EN ISO 3457 Anti Abrasion Sleeve technical specifications <ul style="list-style-type: none">• MSHA-Certified• Low dirt adhesion• Resistant to most solvents, oils, acids & alkalis• Working temperature: -50°C up to +150°C• Standard length 50m• Available in colours: black, red, blue, green, yellow,...• MDG-41 certified (underground coal mines)• Seat belt abrasion SAE J386 - certified• Flame retardant• Self-extinguishes in less than 30 seconds• Low dirt adhesion	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: 25.4mm - 203.20mm

Anti Abrasion Side Sleeve can be used for wrapping or bundling hoses and cables. The high quality hook & loop closure allows reuse of the Anti Abrasion Side Sleeve many times. Reduction of costs as 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 & PU coating
- Low dirt adhesion
- Resistant to most solvents, oils, acids &alkalis
- Working temperature: -50°C up to 200°C
- Standard length 50m
- 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 demand.

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 & Buckle

Sizes: 20
Length: 200mm - 2000mm

The Strip can be used to bundle hoses and cables. The high quality hook & 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	Product Code	Internal Diameter (Mm)*	Meters/Box
Fire Protection Sleeve	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

Sizes: 27

Internal Diameter Range: 8mm - 127mm

The Fire Protection Sleeve is a high quality Glass-Fiber sleeve with a silicon rubber cover making it resistant to extreme temperatures and flame affection.

Other advantages:

- Working temperature of 260°C
- Resistant to hydraulic fluids, most acids and chemicals, lubricating oils and fluids
- 15-20 minutes resistance against +1000°C
- 15-30 seconds resistance against +1600°C
- Free sample requests are for parts listed in chart only.



Weldalloy Product Line	Product Code	Internal Diameter (mm)	External Diameter (mm)	Length (mm)	Description
Accessories	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

Ferrules

Our ferrules ensure a proper fixation of the textile sleeve on the hose. These Ferrules are available in galvanized steel and Zinc/Nickel.

- 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 1/8" to 1" 1/4

SPECIFICATIONS

Weldalloy Product Line

Fitting Specifications



Formula for Spiral length:
Hose OD ÷ Spiral ID x hose length = Spiral length
Example: If you have a 10m hose with an OD of 40mm, using the Ht-40, which has an ID of 32mm, you would require 12.5m (ID of R40SSG) x 10m = 12.5m 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 manu-factured 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/cm³	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/cm2 kg/cm2 % kg/cm2 hr shore "D" kg-cm/cm	 230 300 500 8800 1000 63 30
Brittleness Tem. (min)	ASTM D 746	°C	-75
Vicat Softening Tem.	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



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+** catalog products
- > Over **300** moulding machines
- > **10** manufacturing facilities
- > The **1** partner you need

Why Caplugs?

- > Trusted partner since 1948
- > Thousands of catalog 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 catalog 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



Design & Collaborate



Rapid Prototyping



Advanced In-House
Tool Fabrication



PPAP Process & Full
Production Capability



Logistics Support

Your Custom Moulding Partner

Caplugs experienced team of 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 the Customer



Save Time



Save Labor



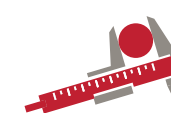
Improve
Performance



Eliminate Part
Failures



Increase
Efficiency



Meet Exact
Specifications



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 $\pm 0.002''$ on a 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 & PLUGS

For free samples and online ordering, visit our web site at www.caplugs.com.



T SERIES
Tapered body gives snug fit as cap/plug



TV SERIES
Flexible injection-moulded vinyl cap/plug



W SERIES
Wide-flanged cap/plug




WW SERIES
Wide, thick flange cap/plug




WWX SERIES
Extra-wide, thick flange cap/plug


CAPS non-threaded




AS138 SERIES
Electrical connector dust caps




C SERIES
Straight-sided utility caps




CBC SERIES
Coaxial cable connector caps




CC SERIES
Flange covers




CE SERIES
Plastic caps for threaded pipe ends




CEC SERIES
Conductive caps for threaded and non-threaded connectors




CLT SERIES
Standard duty long thread well casing




COF SERIES
Round caps for tubing and rods




CST SERIES
Standard duty short thread well casings




DCC SERIES
D-subminiature rectangular connectors




DCF SERIES
D-subminiature connectors with flared shells




DP SERIES
For ITT Cannon-style connectors




DS SERIES
Non-sloughing conductive caps




EC SERIES
Caps for threaded or smooth connectors




EMC SERIES
Caps for champ-type connectors




EPN-240 SERIES
Recessed pipe caps




EPN-250 SERIES
Bevel edge open-end protectors




EPN-310 SERIES
Outside fitting protectors




EZC SERIES
Non-threaded caps for NPT fittings




FAF SERIES
Full-face protectors




FAN SERIES
Flange covers with bolt holes



FAR SERIES
Raised-face protectors



FCO SERIES
Flat-faced O-ring caps



FCR SERIES
Heavy-wall caps for round tubing

CAPS non-threaded (cont.)



FF SERIES
Square, hexagonal and triangular caps



FFP SERIES
Finger-lock flange covers



FI SERIES
Fits all standard injectors



FN SERIES
Finishing flanges-non-corroding



FPC SERIES
Fabricated pipe caps



FTC SERIES
Caps for flareless tube and nut assemblies



GC SERIES
Color-coded grease fitting caps



HC SERIES
Hose caps for tube and hose ends



HEX SERIES
Hexagonal caps



HSF SERIES
Caps for split-flange hydraulic connections



J SERIES
Tear-tab caps for NPT pipe threads



JS SERIES
Tear-tab caps for straight threads



MCC SERIES
Closed top, medical vented caps



MCN-TCP SERIES
Plastic tethered caps



MCN-TCS SERIES
Silicone tethered caps



MCN-TCV SERIES
Vinyl tethered caps



MDC SERIES
Caps for Micro-D connectors



MJ SERIES
Tear-tab caps for tapered metric threads



MJS SERIES
Tear-tab caps for straight metric threads



MOC SERIES
Mobile oxygen caps



MSC SERIES
Non-sloughing conductive caps



MVC SERIES
Medical vented caps



NUO SERIES
Standard duty non-upset end tubing protection



OE SERIES
Open-end thread protectors



OF SERIES
Caps for long-threaded connectors



PCAP SERIES
Propane valve protection caps used during transit and storage



PCAS SERIES
American Standard caps



PKG SERIES
Packaging caps



PM SERIES
Push-on metric caps



PN SERIES
Push-on caps for NPT fittings



PO SERIES
Push-on caps for straight threads



PSC SERIES
Straight-sided paper caps

CAPPLUGS PRODUCTS

CAPS non-threaded (cont.)

































 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 Aluminum 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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For free samples and online ordering, visit our web site at www.caplugs.com.

































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 free samples and online ordering, visit our web site at www.caplugs.com.

 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 aluminum plugs for flareless tube and hose assemblies	 AFO SERIES Threaded aluminum plugs for flat-faced O-ring hydraulic fittings	 ASP SERIES Threaded aluminum 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 free samples and online ordering, visit our web site at www.caplugs.com.

 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					

CAPS threaded

 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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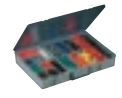







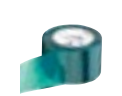
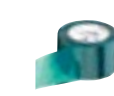

















SHERCON MASKING

 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 free samples and online ordering, visit our web site at www.caplugs.com.

 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 re-sealable 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 free samples and online ordering, visit our web site at www.caplugs.com.



UWPPLS-SH SERIES
Silicone washer pull plugs - long series



WBD-SH SERIES
Polyester Wishbone discs



WC-SH SERIES
Silicone washer caps



WNP-SH SERIES
Weld nut pull plugs



ZC-SH SERIES
Silicone zerk caps

SHERCON MASKING hook & racks



BCB-SH SERIES
Modular rack bottom cross bar



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



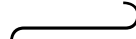
CB-SH SERIES
Modular rack rectangular cross bar



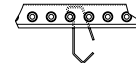
CV-SH SERIES
Designed for powder and e-coating processes



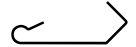
ROD-SH SERIES
Rod and clip set for modular rack



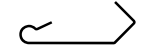
S-SH SERIES
Designed for powder and e-coating processes



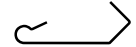
SB-SH SERIES
Smart Bar™



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



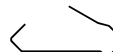
TH-SH SERIES
"T" hook for modular rack



UWH-SH SERIES
Spin hooks



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



VB-SH SERIES
Smart Hooks™ lock into position

PACKAGING & 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



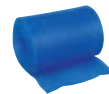
CVC SERIES
Hinged containers



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
























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 CAB SERIES Cable ties	 CEG SERIES Conductive edge liners	 CTW SERIES Cut tube wraps	 EGL SERIES Edge liners for sheet metal and pipe ends	 EP58-SH SERIES Edge Protectors	 GRO SERIES Grommets for holes in sheet metal	 HB SERIES Hose bend restrictors	 OCB SERIES Open/closed bushings
 SB SERIES Snap bushings	 TIE SERIES Adjustable tie straps	 UB SERIES Universal bushings	 VGR SERIES Vinyl grips	 VHG SERIES Vinyl hanger grips	 VNG SERIES Vinyl nubbed grips	 VOR SERIES Vinyl O-rings	

PIPE & FLANGE

 BUT SERIES Standard duty - well casing thread protection	 CAB SERIES Cable ties	 CC SERIES Flange covers	 CE SERIES Plastic pipe caps	 CLT SERIES Standard duty long thread well casings	 CST SERIES Standard duty short thread well casings	 DR SERIES Ding ring wrap-arounds	 DSP SERIES Donut seat pocket protector
 EPN-240 SERIES Closed-end recessed caps	 EPN-250 SERIES Open-end beveled-edge protectors	 EPN-305 SERIES Push-in protectors	 EPN-310 SERIES Outside fitting protectors	 FAF SERIES Full-face protectors	 FAN SERIES Flange covers with bolt holes	 FAR SERIES Raised-face protectors	 FBH SERIES Bolt hole plugs

PIPE & FLANGE (cont.)

 FC SERIES Snap-in flange protectors	 FF SERIES Caps for flanged and flange mounted fittings	 FFP SERIES Finger-lock flange covers	 FHU SERIES Hammer union protection	 FLGV SERIES Valve flange protectors	 FN SERIES Finishing flanges - non-corroding	 FPC SERIES Fabricated pipe caps	 FPN SERIES Sucker-rod plugs
 HSF SERIES High-pressure split-flange covers	 HSR SERIES Non-threaded hex cap sucker rod protectors	 HU SERIES Hammer union protection	 NUO SERIES Standard duty non-upset end tubing protection	 OE SERIES Open-end thread protectors	 PCAS SERIES American Standard caps (12-thread)	 PSR SERIES Polished sucker-rod protectors	 PVC P SERIES Pipe plugs
 RFP SERIES Raised-face flange protectors	 SAE SERIES Push in hydraulic flange protector	 SF SERIES Caps for split-flange connections	 SFP SERIES Covers for split-flange connections	 SSR SERIES Sucker-rod protectors	 SWLD SERIES Push in socket-weld fitting plugs	 TLF SERIES Toggle lock flange covers	 UEO SERIES Standard duty external upset end tubing protection
 VAS SERIES Vinyl ASA flange covers	 VC SERIES Hammer union protection	 VF SERIES Vinyl flange covers	 VP SERIES Vented pipe caps	 VRPC SERIES Vinyl roller pin covers for drill bits	 VSR SERIES Vinyl snap ring flange covers	 WNC SERIES Weld neck covers	

CAPPLUGS PRODUCTS

ELECTRONICS

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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



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