

# VINYLDIP INC.



## PROTECTIVE SOLUTIONS CATALOG

VINYLDIP.COM

 **PROUDLY  
CANADIAN**

(905) 847-6317

## Welcome to Vinyldip!

### Premium Protective Coatings & Solutions

VinylDip is a leading provider of high-quality vinyl coatings and protective solutions designed to enhance durability, safety, and aesthetics

across various industries. With years of expertise, we specialize in dip-molded and coated products that provide superior protection against wear, impact, and environmental factors.

At VinylDip, we are committed to delivering outstanding customer service and premium products at competitive prices. Our innovative coatings and solutions are trusted by businesses seeking reliable, long-lasting protection.

The following pages showcase a selection of our offerings. For a more in-depth look at our full range of products and capabilities, we invite you to visit our website at [vinyldip.com](https://vinyldip.com).

Need assistance? Call us at 888.847.6317 during business hours, and you'll be connected with a knowledgeable team member ready to help you find the best solution for your application."

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- End Caps
- Long End Caps
- Short End Caps
- Electrical Connector Caps
- Meter Vent Caps
- Covers All Threads
- Standard Thread Caps
- Pipe Caps
- Friction Fit Face-seal Caps
- Flanged Caps
- Long Flanged Caps
- Tear Caps
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### TAPERED SERIES CAPS

The Tapered Series can be used as either a cap or plug\* depending on application. Excellent for protecting threads and keeping unwanted contamination out of pipes, valves, tubing and most other cylindrical openings. The most economical solution for protecting standard size threads, unified threads, N.P.T. and metric size fittings or ports.



### C SERIES END CAPS

C Series end caps provide a snug friction fit that is ideal for capping and protecting the outside diameters of threaded and non-threaded tubing, fittings and rod ends.



### CL SERIES LONG END CAPS

CL Series long end caps provide a snug friction fit that is ideal for capping and protecting threaded and non-threaded tubing, fittings and rod ends with extended exposed surfaces that require protection.



### CS SERIES SHORT END CAPS

CS Series short end caps provide a snug friction fit that is ideal for capping and protecting threaded and non-threaded tubing, fittings and rod ends with limited exposed areas to be protected.



### RC SERIES ELECTRICAL CONNECTOR CAPS

RC Series electrical connector caps mate with male-threaded electrical connectors. The flange located on the top surface enables the part to be easily removed. The versatility of this round design also allows these parts to be used in many other capping applications.



### MVC SERIES METER VENT CAPS

MVC Series meter vent caps provide thread protection for electric, gas and water meters.



### CAT SERIES COVERS ALL THREADS

CAT Series offers solid product protection with the flexibility to remove and replace the cap as needed. Designed to protect products with and without O-rings and is available in a variety of sizes including standard, N.P.T. and metric. Non-threaded applications may also be served.



### SC SERIES STANDARD THREAD CAPS

SC Series standard thread caps are manufactured with internal threads to provide a positive snap fit when the part is either screwed on or simply pressed into place.



### PC SERIES PIPE CAPS

PC Series pipe caps protect N.P.T. threaded fittings and pipe ends from dirt, moisture and other contaminants associated with shipping and storage. Pipe caps can be pushed onto a component with slight pressure, but must be unscrewed for removal.





## FS SERIES FRICTION FIT FACE-SEAL CAPS

FS Series caps fit female O-ring face-seal fittings.



## FC SERIES FLANGED CAPS

FC Series flanged caps fit standard threaded fittings or smooth cylindrical tubing. Flanged top surface for ease of removal.



## FCL SERIES LONG FLANGED CAPS

FCL Series long flanged caps offer extended length for applications where thread length or product design requires additional protection. Will fit standard threaded and non-threaded fittings or smooth cylindrical tubing.



## TC SERIES TEAR CAPS

TC Series tear caps protect standard and N.P.T. threaded male fittings and tube ends. Ribbed tab allows for easy tearaway removal.



## FW SERIES FLANGED WASHERS

FW Series flanged washers cover hose and tube ends for both protective and cosmetic purposes.



## SFC SERIES SPLIT FLANGE COUPLING CAPS

SFC Series split flange coupling caps protect the face of split flange connections. Internal radius ring allows part to snap into place.



## VPC SERIES VENTED PIPE CAPS

The VP Series caps have a ventilation hole which helps to balance air pressure and keep the cap from accidentally popping off under pressure.



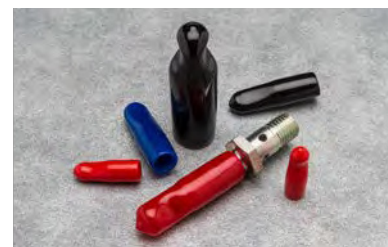
## VC SERIES VINYL CAPS

VC Series vinyl caps are available in a variety of configurations, colors and materials. Excellent for high-gloss finishes, flexibility and heat resistance. Can be customized to fit specific applications.



## VF SERIES VINYL RECTANGULAR CAPS/SLEEVES

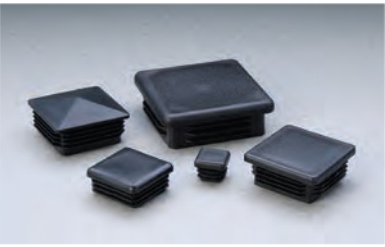
VF Series rectangular vinyl caps and sleeves fit most rectangular tubes and bars. They slide on easily and provide a snug fit once applied. Common applications include ball valve handle covers, paint shields, tool grips and lever handles.



## VGT SERIES VINYL GRAB TABS

VGT Series vinyl caps with grab tabs have a larger, ergonomically designed pull-tab area that makes removal much easier. Used in a variety of applications as thread protectors and/or dust covers for assembly, shipping and storage.

# TUBING INSERTS



## STI SERIES SQUARE TUBING INSERTS

STI Series square tubing inserts are finishing plugs that can be used in a variety of square applications. External tapered ribs ensure a secure fit in a wide range of tubing gauges.



## RTI SERIES ROUND TUBING INSERTS

RTI Series round tubing inserts are finishing plugs that can be used in a variety of round applications. External tapered ribs ensure a secure fit in a wide range of tubing gauges.



## REC SERIES RECTANGULAR TUBING INSERTS

REC Series rectangular tubing inserts offer a variety of rectangular finishing plug applications. Externally tapered ribs ensure a secure fit in a wide range of tubing gauges.



## CT SERIES CABLE TIES

CT Series cable ties are made from high-quality 6/6 nylon and offer a wide variety of designs, lengths and tensile strengths to select from.



## PN SERIES NETTING

Standard and heavy duty Polynet provides protection for machined, polished, plated, coated and threaded surfaces. It will not retain moisture and is easy to install and remove. Polynet is most commonly used during and after costly in-house machining or processing and to protect those expensive value-added features during shipment. It is also color-coded to distinguish dimensional size. Polynet can be purchased by the roll or cut to length.



## PV SERIES Packaging Vials



## TUBE SERIES PLASTIC TUBING

Round plastic tubing is the most common and versatile packaging option. Many different diameters and lengths can be created to suit an application. Wide range of end cap options available.

# PACKAGING





## TAPERED SERIES PLUGS

The Tapered Series can be used as either a plug or cap. It offers excellent protection for threaded pipes, valves, tubing and most other cylindrical openings. The most economical solution for protecting standard size threads, unified threads, N.P.T. and metric size fittings or ports.



## WTF WIDE THICK FLANGE

WTF Series can be used as a cap or plug. When using as a plug, the wide, thick flange prevents it from being pushed all the way through the application.



## PR SERIES PULL RING PLUGS

The PR Series is a tapered style polyethylene plug that has built-in lift rings for easy installation and removal. Ring design lays flat resulting in more efficient packaging. Available in N.P.T., SAE and JIC sizes.



## P SERIES PULL PLUGS

P Series pull plugs have a similar design to the Tapered Series, with the added feature of a pull-tab on top of the flange to assist with removal.



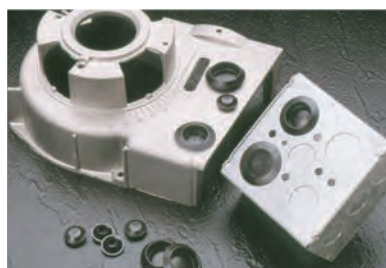
## CP SERIES CENTER PULL PLUGS

Similar to a tapered plug, the CP Series has a center pull tab that makes it quick and easy to remove. The tab is molded into the bottom and sides of the plug and extends above the flange making it easy to grasp for removal.



## YP SERIES ELECTRICAL CONNECTOR PLUGS

YP Series electrical connector plugs fit female-threaded electrical connector and have a flange on top for easy removal.



## F&R SERIES SHEET METAL PLUGS

The F & R Series are used in automobiles, rust proofing, appliances, hot water tanks and other applications where a thinner yet secure plug is required.



## PI SERIES PUSH-IN PLUGS

PI Series push-in plugs snap-fit into specific thread sizes making installation less labor intensive and provide an attractive flush finish.



## UP SERIES UNIVERSAL PLUGS

UP Series universal plugs have a unique design that fits a variety of thread styles and sizes. Simple push and twist installation ensures a snug fit, and built-in grips allow for easy removal.



## FP SERIES FLARED FITTING PLUGS

FP Series flared fitting plugs are threaded to fit flared SAE/JIC fittings and have knurled grips to aid in insertion and removal. Positive seal for low-pressure requirements.



## FFP Series FLAT FITTING PLUGS

FFP Series plugs are threaded to fit flat-faced O-ring hydraulic fittings. The knurled grip allows for easy installation and removal.



## HP SERIES THREADED HYDRAULIC PLUGS

HP Series threaded hydraulic plugs fit standard threads. Uniquely designed for easy installation and removal with a hex wrench, screwdriver or by hand.



## HPL SERIES LONG THREADED HYDRAULIC PLUGS

The HPL Series is a long threaded hydraulic plug which offers a higher temperature and torque rating as well as abrasion resistance. Can be easily installed and removed with a hex wrench, screwdriver or by hand. Also available in nylon and/or with factory installed O-ring.



## HPO THREADED HYDRAULIC PLUGS WITH O-RING

The HPO Series fits standard threads. It can be easily installed or removed with a hex wrench, screwdriver or by hand and comes with the added benefit of a molded O-ring.



## NPT NATIONAL PIPE THREAD

The NPT Series is used to protect threads on NPT threaded ports. The unique head design makes it easy to install and remove the plug using your fingers, a socket wrench or screwdriver. Available with or without an O-ring.





## SLC SERIES SILICONE CAPS

SLC Series silicone caps are ideal for paint masks, protecting threads, tubes or other diameters during painting or coating processes. Soft and flexible, these caps will also conform to irregular shapes and applications. As with most silicone products, they are typically reusable.



## SLP SERIES SILICONE PLUGS

SLP Series silicone plugs are tapered to easily fit into threaded or non-threaded ports or other inside diameters undergoing chrome plating, e-coating, powder coating or a variety of other applications requiring high-heat resistance.



## SLPP SERIES SILICONE PULL PLUGS

SLPP Series silicone pull plugs are most commonly used in "through-hole" applications where the part is pulled through a threaded or non-threaded hole that requires protection until snug.



## SFP SERIES SILICONE FLANGELESS PLUGS

SFP Series silicone flangeless plugs mask threaded holes, including the lead-in thread, without masking the surrounding area. Chemical-resistant, reusable and ideal for e-coating, powder coating, plating, anodizing and painting applications.



## SWC SERIES SILICONE WASHER CAPS

SWC Series silicone washer caps mask threaded and non-threaded studs and holes as well as the surrounding grounding area. Recommended for powder coating, e-coating, anodizing and plating applications.



## DWPP SERIES DUAL WASHER PULL PLUGS

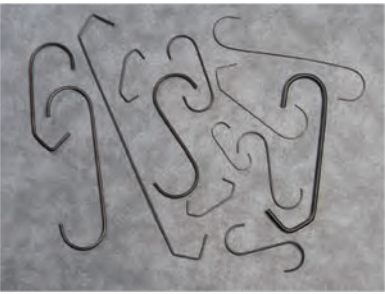
DWPP Series dual washer pull plugs mask weld nuts and create a grounding area to prevent bleeding onto threads from both sides of the nut. High-temperature and chemical-resistant they are ideal for powder coating, e-coating, anodizing and plating



## DSWP SERIES DUAL SILICONE WASHER PLUGS

DSWP Series dual silicone washer plugs mask threaded and non-threaded holes with grounding areas. Each side has a different plugging diameter allowing it to be used in two distinct applications. Recommended for powder coating, e-coating, anodizing and plating applications. Reusable, versatile and durable.

# MASKING



## HOOKS

- Solid metal to metal contact
- Consistent grounding
- High load capacity
- Other angles available upon request
- Various styles: S, C, V, CV 11
- Loads vary from 4 lbs – 220 lbs  
*(consult factory for details)*



## TAPES HIGH TEMPERATURE MASKING TAPES

High temperature masking tapes are ideal for masking applications where standard caps and plugs cannot be used. Tapes are manufactured with a silicone pressure-sensitive adhesive and are available in a variety of tape thicknesses, widths and materials. Commonly used as product protection in applications ranging from 300° F (150° C) up to 600° F (316° C).



## DOTS HIGH TEMPERATURE MASKING DOTS

High temperature masking dots are flexible, conforming and heat-resistant. Manufactured with a silicone pressure-sensitive adhesive and available in a variety of diameters, thicknesses and materials. Commonly used as product protection in applications ranging from 300° F (150° C) up to 600° F (316° C).



VINYLDIP is able to offer customer specific molding service in a wide range of rubber materials including:

- |                  |           |
|------------------|-----------|
| • Natural Rubber | • Nitrile |
| • SBR            | • Butyl   |
| • EPDM           | • HNBR    |
| • Neoprene       | • Viton   |

# RUBBER PRODUCTS





## QUALITY CONTROL

- ISO 9001:2015 Certified
- SPC capabilities
- Image Dimension Measuring System

## TOOL ROOM

- In-house tooling capabilities
- Prototyping
- CNC machining centers
- Mold maintenance and repair centers

## SECONDARY OPERATIONS

- Bagging
- Assembly
- Punching/drilling
- Custom printing
- Customized kits
- Barcoding/custom labeling available

## OTHER CAPABILITIES

- Engineering assistance
- Color matching
- Insert molding
- Variety of commodity and engineering resin grades available
- Rapid prototyping

## CUSTOMER SERVICE

- Experienced and knowledgeable sales staff
- Electronic Data Interchange (EDI)

## FACILITIES

- Press sizes ranging from 67 to 315 tons
- Shot size up to 60 oz.
- Over 50,000 square feet of molding/warehouse space
- Climate controlled molding facility



PMI offers component kits specifically designed for repair shops, maintenance departments, or just for customers that need a variety of protection solutions in small quantities. The new kits allow our customers to pick and choose the parts they use most often. Kits come with a durable, reusable case for storage and refill packs are always available.

Product protection kits offer:

- Custom selection
- Refill bags
- Mil spec parts
- Easy access
- Low minimum reorder quantity
- Kit pack quantities available in product chart





## TATTOO INK CUP KITS

Tattoo ink cup kits include an assortment of 2000 small, 2000 medium and 1000 large standard ink cups in natural. Includes a 5 piece bonus pack. The stable base tattoo ink cup kit contains 2000 small, 2000 medium and 1000 large stable base ink cups in natural. Includes 5 piece bonus pack.



## TRADITIONAL TATTOO INK CUPS

Traditional tattoo ink cups are tapered caps with a sturdy base and lipped top to prevent spillage. They can be used alone or in our reusable tattoo ink cup holders.



## FLAT BASE INK CUPS

Flat base ink cups are manufactured using FDA-approved materials and are packaged in plastic-lined cartons to prevent contamination. The top hat style ink cup has a wide, sturdy base that enables it to stand alone.



## REUSABLE INK CUP HOLDERS

Reusable ink cup holders are white plastic bases that hold the traditional tapered series ink cups together and in place while the artist is working.



## TATTOO INK PALETTES

Tattoo ink palettes have built-in ink cups that provide extra stability for permanent tattoo ink. Palettes help keep inks organized and the white built-in ink cups allow for true color comparison.

## TERMS:

- Net 30 days from date of invoice with credit approval; over 30 days subject to finance charges and/or collection fees.
- Credit Cards Accepted: MasterCard, Visa,.
- Minimum Product Purchase: Kit Pack Quantity

## QUANTITIES:

- Order quantities shall be rounded to nearest carton/select/kit pack quantity.
- Delivery of +/- 10% of the quantity shall constitute fulfillment of the order for product run in non-standard colors or materials.

## RETURNS:

- No returns will be accepted after 90 days from date of invoice.
- All returns must be accompanied by a VINYL DIP Return Material Authorization (RMA).
- A 20% restocking fee may apply.
- All special color or material orders are non-returnable.

## CLAIMS:

- All claims for defective materials or shortages must be made within 30 days from date of invoice.
- Parts proven defective will be replaced.
- No claims for labor or damages will be accepted without written approval of VINYL DIP.

## USES:

- Uses to which VINYL DIP products are put are solely within the discretion and responsibility of the purchaser and/or user.
- Purchaser of standard and custom parts assumes any and all liability arising out of or in any way connected with the use of such standard and custom parts, and hereby agrees to indemnify VINYL DIP for such liability.
- Samples of standard parts are available at no charge for evaluation.

## WARRANTY:

- VINYL DIP products are guaranteed to be free from defects in materials and workmanship for a period of 30 days from date of invoice.
- Warranty shall be limited to the replacement of any defective parts.
- No reimbursements, allowances or credits will be made for any parts returned without the prior authorization of VINYL DIP.

**THERE ARE NO WARRANTIES EITHER EXPRESSED OR IMPLIED WHICH EXTEND BEYOND THE DESCRIPTION ABOVE, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SHIPPING POINT/DELIVERY:**

F.O.B. Origin

- Acceptance of VINYL DIP products by a common carrier shall constitute a delivery to the customer who thereby accepts responsibility for product damaged or lost in transit.

# MATERIAL PROPERTIES

Property	Polyethylene		Polypropylene	Ethylene	Nylon	Thermoplastic	Silicone	Vinyl	
	Low Density	High Density		Vinyl Acetate		Rubber	Rubber	Standard	Hi-Temp.
MECHANICAL CHARACTERISTICS									
Specific Gravity (Density)	0.910-0.925	0.941-0.965	0.890-0.910	0.920-0.950	1.130-1.150	0.940-0.960	1.18	0.98-2.00	1.22-1.32
Tensile Strength (P.S.I.)	600-2300	3100-5500	2800-4400	1440-2500	900-12000	2400-3100	200-1500	50-5000	2100
Elongation %	90.0-800.0	20.0-1000.0	350.0->500.0	550-900	60-300	500-620	700	50-550	175
Compressive Strength (P.S.I.)	–	2700-3600	4000-6500	–	–	–	–	–	–
Tear Strength (ASTM D1004)	–	–	–	–	–	–	200pli	185pli	270pli
Flexural Strength (P.S.I.)	–	1000	6000-8000	–	No Break	–	–	–	–
Impact Strength ft. lb./in of notch(1/2 x 1/2 in, notched bar, izod test)	No Break	0.5-20.0	1.0-15.0 @ 73 ° F	No Break	1-5.5	–	–	–	–
Hardness, Rockwell	D41-D46 (Shore) R10	D60-70 (Shore)	R-50-R85	D17-45 (Shore)	–	–	A25-80 (Shore)	A60-70 (Shore)	A85-95
SERVICE TEMPERATURES									
Continuous ° C/° F	66/150	74/165	121/250	60/140	–	132/275	232/450	93/200	149/250
Intermittent ° C/° F	79/175	102/215	–	–	–	149/300	316/600	177/350	246/475
Brittleness ° C/° F	<-70/<-94	-18/0	<-70/<-94	<-68/<-90	–	0	-32/-29	-32/-26	–
RESISTANCE CHARACTERISTICS									
Water Absorption 24 hr. 1/8" thick %	<0.015	<0.01	<0.01	.05-.13	–	<.10	–	–	–
Effect of Sunlight	Unprotected material crazes rapidly. Requires black for complete protection.				–	–	Very Resistant	Good Resistance	Good Resistance
Effect of Weak Acids	Resistant	Very Resistant	Completely Resistant	Resistant	Resistant	Very Resistant	Poor	Very Resistant	Very Resistant
Effect of Strong Acids	Attacked by Oxidizing Acids	Attacked slowly by Oxidizing Acids	Attacked by Oxidizing Acids Acids	Attacked by Oxidizing	Attacked	Resistant	Poor	Fair Resistance	Fair Resistance
Effect of Weak Alkalies	Resistant	Very Resistant	Completely Resistant	Resistant	None	Very Resistant	Poor	Very Resistant	Very Resistant
Effect of Strong Alkalies	Resistant	Very Resistant	Very Resistant	Resistant	None	Very Resistant	Poor	Resistant	Resistant
Effect of Organic Solvents	Resistant (below 60 ° C)	Resistant (below 80 ° C)	Attacked by hydrocarbons and chlorinated hydrocarbons	Resistant	Resists Most	Swells in contact with hydrocarbons and chlorinated hydrocarbons	Moderate	Good Resistance to alcohols, aliphatic hydrocarbons and oils	Good Resistance to alcohols, aliphatic hydrocarbons and oils
Effect of Oils and Greases	Attacked by Some	Slight	Attacked by Some	Attacked by Some	None	Somewhat Resistant	–	Fair Resistance	Poor
Machine Qualities	Good	Excellent	Good	Fair	Good	Fair	Poor	Poor	Poor
Clarity (Natural Material)	Translucent to opaque	Translucent to opaque	Translucent	Translucent to opaque	Opaque	Opaque	Clear to opaque	Clear to opaque	–

**DISCLAIMER**  
*This guide contains recommendations for combinations of material that may come in contact with various corroding elements. All results are believed to be based on valid laboratory or field testing; however, no guarantee is expressed of implied as to results that will be obtained by the user. It is recommended the user test the combinations in its own laboratory before committing his product to any application. VINYL DIP is not responsible for any damage that might result from the use of this guide. This guide is not to be used as an inducement to violate any patent or any federal or local law.*

## TOLERANCES

<b>Inch Dimensions:</b> Given to three decimal places: ±0.010 per inch. Minimum is ±0.010 where dimension is less than one inch.	<b>Metric Dimensions:</b> Given to two decimal places: ±0.25mm per 25.40mm of length. Minimum is ±0.25mm where dimension is less than 25.40mm.	<b>Fractional Dimensions:</b> ±1/32" per inch
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## SPECIFICATIONS

Drawings and specifications: Standard catalog products are manufactured to VINYL DIP drawings and specifications. Should a customer's drawing deviate from VINYL DIP'S it will not be recognized as valid.





**WE'VE GOT YOU COVERED**

EXCEPTIONAL CUSTOMER SERVICE

QUALITY PRODUCTS

COMPETITIVE PRICING

PROMPT DELIVERY

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