

**ASIA'S LARGEST
VINYL DIP MOULDING FACILITY**



Moulding Imagination

VIVID WORLD OF VINYL CAPS



ABOUT US

Vin Dip India Private Limited is the largest dip moulding facility in Asia, dedicated to design and supply of Electrical, Electronic & Wiring harness insulation solutions. The company has a vast experience in dip moulding since 1998 & has served different industrial segments ranging from Automobile to Switchgear. Vin Dip presently has four manufacturing & four warehouse facilities spread across India with an aggregate space of 150000 sq ft.

The company has developed over 3000 dip molded parts till date and is broadening the count by over hundred parts every year. Our manufacturing facilities are certified by ISO 9001:2015 QMS, ISO 14001:2015 EMS & all our products are manufactured in compliance with RoHS & REACH norms.



www.vindip.com

Vin dip offers wide array of vinyl caps, plugs, masking agents, flange covers and other moulded parts for a variety of uses. These caps are manufactured in distinct sizes and colours along with different textures and chemical properties.

Vinyl Caps Applications

- Protection
- Branding
- Identification
- Masking during painting, plating and surface finishing
- To cover sharp edges of surgical and stationary articles
- To shield expensive tool tips from damage
- Rods, pipes and bolt end caps
- Dust and moisture barriers
- Spark plug tip-protectors
- Thread protectors
- Tube-end caps
- Flange covers
- Insulators

| MATERIAL PROPERTIES | |
|-----------------------|--|
| ELECTRICAL PROPERTIES | Dielectric Strength: 5~15kV/mm |
| | Volume Resistivity: $1 \times 10^9 \sim 1 \times 10^{13}$ ohms -Cm |
| | Comparative tracking strength: >600 V |
| MECHANICAL PROPERTIES | Tensile Strength :6.3~12.5MPa |
| | Elongation: 300~500% |
| | Hardness : 60 - 85 Shore A |
| THERMAL PROPERTIES | Thermal Stability : 105°C |
| | Cold Resistance : -40°C |
| CHEMICAL PROPERTIES | Water Absorption <0.7% |
| | Flammability - Self Extinguishing (UL-94 Compliant) |
| THERMAL ANALYSIS | Thermal Rating by Thermogravimetric Analysis (TGA)=111 C |



HANDLE GRIPS



Application

- Tool-handle grips
- Gym grips
- Surgical equipment grips
- Two-wheeler handle grips
- Machine handle bar grips
- Walker grips

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