

HMM10

PV LATEX for *Condom/Male catheter/Ultrasound Probe cover*

HMM10 is compounded Latex in which the molecules of the rubber Particles are chemically cross linked i.e., Vulcanized or in other words, the latex is pre-vulcanized. But the latex still retains its **original fluidity and colloidal Property**.

Cold process is the method followed for making HMM10 resulting molecules are formed **in long range order**, it leads to **better Tensile and Elongation properties** of end product.

HMM10 has a three month shelf life. Post cured system (Self compounding) generally has a 2 day to one week shelf life and beyond which over cure will lead to poor physical properties of the dried film and cracking of the finished products.

HMM10 is ready to use latex. Only have to dilute the latex for required TSC using ammoniated or Demineralised water with alkaline pH (10+) and start dipping, Following are main benefits.

- Better yields
- **Minimal batch to batch variation**
- Lower maintenance costs
- **No compounding area/Machinery**
- Shorter process time
- **Reduction in stock holding costs**
- Lower environmental treatment costs
- Reduced line operation down time



Post cured system (Self compounding) generally has to be dipper stained once in a week or every fortnight. But **HMM10 has no need of dipper stain up to 3 month**.

Compounded latex mechanical stability is maintained by advanced chemical technology and without the addition of soap/stabilizer. The result will be of **no froth/foam & bubbles in dipping**, which in turn leads to **eliminate the weak spot, bubbles and minimize the pin holes in products**.