



Hydromer[®]

Let Our Legendary Technologies Empower Yours

Enhanced Hydrogels



HYDROMER® PATENED HYDROGELS

Hydromer® offers a variety of patented Hydrogels including those based on hydrophilic polyvinylpyrrolidone (PVP) polymers and chitosan derivatives. By using only the highest quality ingredients in our highly bio-compatible polymeric gel systems, our Hydrogels have excellent physical strength, stability and many other desired properties. Our Hydrogels can be used for many applications in the medical, industrial, and personal care industries.

Hydromer® Hydrogel formulations are ideal for a variety of applications including:

Medical

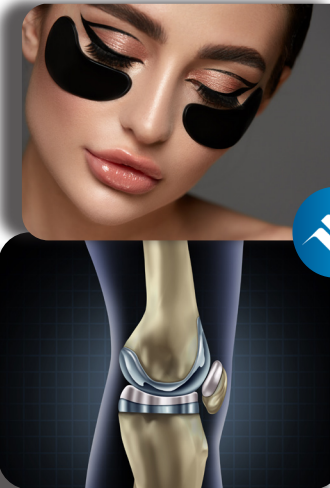
- Wound and Burn Care
- Drug and Gene Delivery
 - Gene Delivery
 - Bio-adhesives
 - Bio-electrodes
- Dental Materials
- Tissue Engineering
 - Animal Health
- Waste Water Treatment
 - And many others

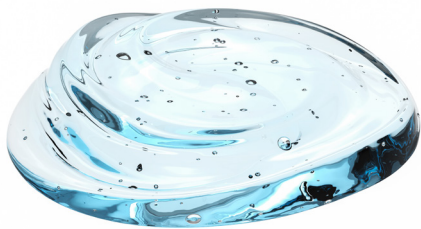
Industrial

- Agriculture including, Hydroponics and Horticulture
- Industrial Food Manufacturing
- Fire Retardants
 - Hydraulics
- Viscosity Modifiers
 - Batteries
- Conductive Adhesives
 - and many others

Personal Care and Cosmetics

- Facial Masks
- Vitamin Delivery
 - Exfoliates
- Facial Cleansers
- Moisturizers
- Tattoo Care
- And many others





Hydromer® Hydrogels are highly adaptive and can be incorporated with various bio-compatible and pharmaceutical ingredients to meet your specific requirements for various diverse applications.

Benefits for Medical, Personal Care and Cosmetic Applications

- Safe
- Non-irritant
- Bio-compatible
- Bio-resorbable
- Bio-stable for live cell transfer
- Mechanical properties can be tailored (visco-elastic, conductive, adhesive levels, gellation time, and elution rates.)
- Suitable for transdermal, iontophoresis, and transmucosal applications
- Naturally cooling on contact
- Acts as a bacterial barrier and creates a moist healing environment

Benefits for Industrial Applications

- Safe
- Non-irritant
- Bio-compatible
- Durable
- Super Absorbant
- Cross linking capabilities
- Mechanical properties can be tailored (visco-elastic, thickness, moldability, conductive, adhesive levels, gellation time, and elution rates.) for many applications

For more details about using one of our superior, cutting-edge, off-the-shelf or customized Hydromer® Hydrogel formulation that meets your specific needs and help enhance performance of your product(s), please contact our product specialists at (888) 90-HYDRO.

Contract Services

We know your time and resources are valuable, so we offer an array of individualized contract services to help ease your production processes, including:

- In-house Coating
- Research and Development
- Specialized Analytical Testing
- Custom Machine Building
- Turn-key Operations
- Technology Transfer Services

We are an FDA registered, ISO 13485:2016 and ISO 9001:2015 certified production facility.

To learn more about our superior Hydrogel technologies and services, please contact us to speak with a Product Specialist, now!

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Would you like to be a distributor of Hydromer's Hydrogel formulations? Reach out to us and receive more information about becoming a licensed dealer in your region.

