

Polyurethane Systems for Hydrophilic Foams & Gels



A WORLD LEADER IN POLYURETHANE CHEMISTRY

Here at Carpenter, our experts formulate our polyurethane systems to meet the market needs and the ever-changing regulatory landscape.

Below you will find an overview of the product range suitable for hydrophilic foams and hydrogels. Several products have been designed around the Aquapol® polymer concept, including:

Personal Care: Cosmetic foam applicators

Medical: Wound dressings & dental foams

Hearing Protection: Disposable earplugs

Household: Bath & general use sponges

	Foams	Foams	Hydrogels	Various Applications
Typicals Viscosity @ 77°F (cP)	17,000	6,000	13,000	400
% NCO	6.0 - 6.6	3.1 - 3.7	3.0 - 3.4	N/A
Storage Temperature (°F)	60 - 80	60 - 80	60 - 80	60 - 80
Shelf Life (months)	6	6	4	6
Specific Gravity (g/cc)	1.18	1.10	1.10	1.08
Product Name	Aquapol® PT-17000-62	Aquapol® PT-6000-32	Aquapol® PI-13000-31	Aquapol® LTX-100

NOTE: Request a copy of the Technical Data Sheets for more information.



Our polyurethane systems are produced at our sites in IN, MI, TX & VA.

Interested? Contact your Carpenter representative or send your request to chemical.systems@carpenter.com.