



ELEMENT Materials of Construction
Economic & High Temperature Ultrafiltration Elements
 2076 Zanker RD. San Jose, CA 95131 www.znanotech.com



ABOVE: An image of a 8" medium temperature element with integrated poly propylene brine seal.

Component	Economic Elements	High Temperature Elements
ATD: Anti Telescoping Device	Acrylonitrile butadiene styrene (ABS)	Polysulfone (Psf)
Brine Seal	EPR - Standard; Viton on Request	Integrated Poly Propylene Hardshell
Feed Spacer	Polypropylene (PP)	Polypropylene (PP)
Permeate carrier (Tricot)	Epoxy-coated Polyester (PET)	Epoxy-coated Polyester (PET)
Permeate Tube	Polysulfone (Psf)	Polysulfone (Psf)
Interconnector	Polysulfone (Psf)	Polysulfone (Psf)
Interconnector O-rings	EPR - Standard; Viton on Request	EPR - Standard; Viton on Request
Glue	Two Part Poly Urethane	Two Part Poly Urethane
Outer Wrap or Shell	Fiberglass Outer Wrap	Poly Propylene Hardshell

Component samples, except for the glue, are available for external testing. zNano can, upon request, use other materials for components for an additional charge.

If you have any questions or concerns, please feel free to call. Thank you for your interest.

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