

PVDF fasteners are used for their high purity and chemical resistance. Also known as Kynar, PVDF polymer finds a niche in applications that require a good balance of corrosion resistance and strength. Though they don't offer quite the resistance of PTFE or PFA, they are much stronger mechanically. In comparison, they offer improved corrosion resistance compared to PEEK, but less strength and high temperature capabilities. PVDF fasteners also provide high purity levels and perform well in pharmaceutical and semi-conductor applications.

Properties & Data

PVDF - Tensile Data

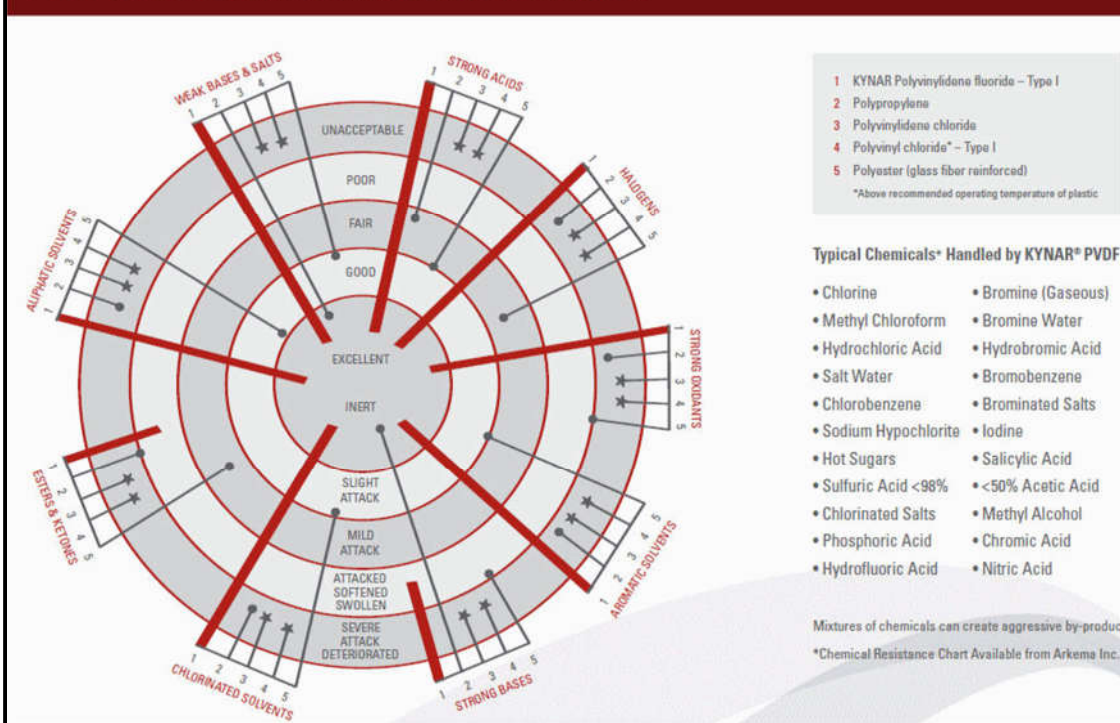
@ Room Temperature

Material	Ultimate Tensile (psi)	Yield Strength (psi)
PVDF	5000-8000	6500-8000

Key Benefits

- Usable to 300°F / 150°C
- Good balance of corrosion resistance and strength
- High purity
- Corrosion resistant to many harsh chemicals
- Resistance to ultraviolet, nuclear radiation, and standard sterilization methods
- Resistance to weathering and fungi

PVDF CHEMICAL RESISTANCE COMPARISON



Our Engineers Are Here to Help

Americans / Asia
Europe

888.393.4517
+45 70 777 677

www.extreme-bolt.com
sales@extreme-bolt.com
europe@extreme-bolt.com