

# PEEK DRIVE COMPONENTS

LONGER LASTING, HIGHER PERFORMANCE



PEEK TYPICAL PROPERTIES:		
	Units	PEEK
Tensile strength	psi	14,500
Heat deflection temperature @ 264 psi	°F (°C)	306 (152)
Maximum continuous service temperature in air	°F (°C)	464 (240)
Melting point	°F (°C)	649 (343)

Introducing our new line of PEEK drive components. PEEK is an abbreviation for PolyEtherEther-Ketone, a high performance engineered thermoplastic that can operate at high temperatures and is less abrasive on your stainless steel belts than metal drive components. PEEK can be used continuously to 464°F (240°C) and in hot water or steam without permanent loss in physical properties. Available for all drive components including: gears, blanks and end rollers.

- Enhanced strength
- Excellent wear characteristics
- Less abrasive to stainless steel belts
- Can be used continuously to 464°F (240°C)
- Outstanding chemical resistance
- Excellent mechanical properties
- Resistant to hot water and steam
- FDA compliant for food contact applications

**Case Study:** A customer using polyacetal plastic end rollers replaced them every 6 weeks due to wear. They switched to Wire Belt's PEEK end rollers and are now getting 30 weeks of life, that's 5 times greater life! Bottom line, PEEK saves in TCO.

Material	Weeks until replaced
PEEK	30
Polyacetal	6



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