



## Overview

PT60WH08 is Canyon's 15% Wollastonite mineral filled, 60 shore D durometer, white PTFE. PT60WH08 utilizes a mineral fill for excellent wear resistance in dynamic applications. It also offers extreme chemical resistance, and high & low temperature performance.

## Features & Benefits

- 15% Wollastonite mineral filled
- FDA compliant
- Excellent heat resistance
- Excellent chemical resistance
- Low gas permeability
- Non-abrasive against soft metals

## Recommended Applications

- Dynamic applications
- Hypergolic Fluids
- Spring energized seals
- Pneumatic & hydraulic pumps
- Semiconductor
- Chemical Processing

## Service Temperature

- -130°C to 290°C (-200°F to 550°F)

## Specification

- 15% Wollastonite mineral filled



## Test Data

Table 1. Physical Properties	
Color	White
Hardness, Shore D [D2240]	60
Tensile Strength, psi (MPa) [D1708]	3300 (22.8)
Elongation [D1708]	250%
Specific Gravity, g/cm <sup>3</sup> [D792]	2.23
Water Absorption - 24hrs, % [D570]	0
Linear Coefficient of Thermal Expansion, 1/°C (1/°F) [E831]	7.22 x 10 <sup>-5</sup> (5.1 x 10 <sup>-5</sup> )

Table 2. Coefficient of Friction	
33.3 psi, Static	0.09
33.3 psi, Dynamic 150 fpm	0.1

Looking for specific chemical compatibilities or desire more material information? [Please Contact Us!](#)