THROUGH NEW THOUGHT

TNT 7-STAGE RO SYSTEM
STAGE 1 OF 7

TNT PP 5-MICRON SEDIMENT FILTER

STAGE 1 · SEDIMENT PRE-FILTER

SAND, RUST & SUSPENDED PARTICLE REDUCTION

TECHNICAL SPECIFICATIONS

Product Name	TNT PP 5-Micron Replacement Filter Cartridge
Product Type	Sediment pre-filter (Stage 1 of the TNT 7-Stage RO System)
Filtration Technology	Polypropylene (PP) melt-blown fiber
Pore Size	5 microns
Core Function	Traps suspended solids, mud, sand, rust, and particles larger than 5 microns from the feed water
Materials	Food-grade polypropylene (PP) fibers
Replacement Interval	3 – 6 months (depending on local water quality and usage)
Design	Cylindrical cartridge for standard 10-inch filter housings
Operating Pressure	0.1 – 0.4 MPa
Compatibility	TNT 7-Stage RO System and standard 10-inch under-sink filter housings
Origin	Vietnam

KEY FEATURES

- **Sediment Reduction:** Dense 5-micron PP structure traps sand, mud, rust flakes and other coarse particles.
- **System Protection:** The first line of defense — helps keep the carbon filters and RO membrane from clogging early.
- **Food-Grade Material:** Made from food-grade polypropylene for drinking-water use.
- **Stable Structure:** Thermal-bonded fiber keeps its shape under changing water pressure.
- **Standard Fit:** Fits standard 10-inch filter housings for quick, simple replacement.

Replacement interval depends on local feed water quality, sediment load and daily water use.



TNT Water Purification Technologies Inc. · www.tntwatertech.us · +1 (773) 502-7999 · info@tntwatertech.us

15545 S 71st Ct, Ste 202, Orland Park, IL 60462 · Serving Oak Lawn and surrounding Chicago suburbs