PENTEK DGD SERIES
GRADIENT DENSITY CARTRIDGES

HIGH-CAPACITY, DIRT HOLDING DESIGN



DGD Series Cartridges are manufactured from 100% pure polypropylene and are sized for use in Pentair‡ Pentek‡ Big Blue‡ Filter Housings.

DGD Series Cartridges are designed for purity and will not impart taste, odor or color to the liquid being filtered. Additionally, the polypropylene construction provides superior chemical resistance and is not prone to bacterial attack.

The DGD Series' advanced design combines selective final filtration with appropriate pre-filtration to achieve up to three times the dirt holding capacity of similar size sediment cartridges and even greater capacity than standard spun or string-wound cartridges. The larger diameter of the filter reduces the particle load, allowing it to operate at higher velocities. The effective filter depth is increased to a full 233%. This increased depth provides very high particulate reduction efficiencies and added loading capacity.

The design and performance characteristics of the DGD Series Cartridges make them an excellent choice for all residential, rural, municipal and commercial applications.

FEATURES/BENEFITS

- Manufactured from pure 100% polypropylene
- Designed for purity and chemical compatibility
- Spun fibers form a gradient density from outer to inner surfaces
- Nominal 1, 5, 25 micron ratings
- Lengths: 10", 20"

SPECIFICATIONS

- Filter Media – Polypropylene
- Temperature Rating – 40-145°F (4.4-62.8°C)

NSF COMPONENT

Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

SPECIFICATIONS AND PERFORMANCE

MODEL #	PART #	MAXIMUM DIMENSIONS	RATING (NOMINAL)*	INITIAL ΔP (PSI) @ FLOW RATE (GPM)*
DGD-2501	155359-43	4.50" x 9.88" (114 mm x 251 mm)	1 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
DGD-5005	155357-43	4.50" x 9.88" (114 mm x 251 mm)	5 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
DGD-7525	155355-43	4.50" x 9.88" (114 mm x 251 mm)	25 micron	<1 psi @ 10 gpm (<0.1 bar @ 38 Lpm)
DGD-2501-20	155360-43	4.50" x 20" (114 mm x 508 mm)	1 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
DGD-5005-20	155358-43	4.50" x 20" (114 mm x 508 mm)	5 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)
DGD-7525-20	155356-43	4.50" x 20" (114 mm x 508 mm)	25 micron	<1 psi @ 20 gpm (<0.1 bar @ 76 Lpm)

*Based on manufacturer's internal testing.
WARNING: Do not use with microbiologically unsafe or of unknown quality water without adequate disinfection before or after the system.

PENTAIR

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