

# INLET PROTECTION

## FRAME & FILTER ASSEMBLY

### ROUND FRAME

#### VDOT APPROVED FILTER & FRAME R-300B-DOT



**R-300B-DOT**

High Efficiency within the First Stage

#### Storm Drain Inlet Frame and Filter Assembly

- Designed for Sump Conditions
- Round Base 60" Outside Diameter
- Reusable HMWPE Frame
- Keeps Silt Above Ground
- Fast and Easy Installation
- Safer Worksite
- No Hazardous Stakes
- Maximum Filtration
- Fail-Safe Design

Filter replacement  
Part # R340B-DOT

#### VDOT APPROVED FILTER & FRAME S-400B-DOT




**S-400B-DOT**

High Efficiency within the First Stage

#### Storm Drain Inlet Frame and Filter Assembly

- Designed for Sump Conditions
- Square Base 62"
- Reusable HMWPE Frame
- Keeps Silt Above Ground
- Fast and Easy Installation
- Safer Worksite
- No Hazardous Stakes
- Maximum Filtration
- Fail-Safe Design

Filter replacement  
Part # S440B-DOT

R300B-DOT, S400B-DOT			
R340B-DOT, S440B-DOT FILTER			
Property	Test Method	ENGLISH (MARV <sup>2</sup> )	METRIC (MARV <sup>2</sup> )
Grab Tensile Strength	ASTM D 4632	120 lbs.	0.553kN
Grab Elongation	ASTM D 4632	50%	50%
Trapezoid Tear Strength	ASTM D 4533	50 lbs.	0.222kN
CBR Puncture Resistance	ASTM D 6241	340 lbs.	1.512kN
Permittivity 4	ASTM D 4491	1.7 sec-1	1.7 sec-1
Water Flow 4	ASTM D 4491	120 gpm/ft <sup>2</sup>	4885 l/min/m <sup>2</sup>
Apparent Opening Size (AOS)3&4	ASTM D 4751	70 Std. U.S. Sieve	0.212 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	70%/500 hrs.
NTPEP GTX-2018-01-160			
NTPEP GTX-2017-01-051			

**NOTES:**

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. Maximum Average Roll Value (MaxARV)
4. At time of manufacturing. Handling may change these properties.