

## Inlet Sentry

The Inlet Sentry is exclusively manufactured by Dandy Products for Colonial Construction Materials, Inc. The Sentry features an adjustable grate skirt and an orange overflow ring that sits above the grate. The Inlet Sentry is manufactured from a woven monofilament polypropylene fabric and a filtration fabric.

### SPECIFICATIONS

PROPERTY	TEST METHOD	ENGLISH	METRIC
<b>MECHANICAL</b>			
TENSILE STRENGTH	ASTM D-4632	450 x 300 Lbs	2005 x 1336 N
WIDE WIDTH TENSILE	ASTM D-4595	270 x 175 Lbs/in	47 x 31 kN/m
ELONGATION	ASTM D-4632	40% x 25%	40% x 25%
PUNCTURE	ASTM D-4833	130 Lbs	580 N
MULLEN BURST	ASTM D-3786	600 PSI	4135 kPa
TRAPEZOIDAL TEAR	ASTM D-4533	165 x 150 Lbs	735 x 670 N
<b>HYDRAULIC</b>			
APPARENT OPENING SIZE (AOS)	ASTM D-4751	30 US STD SIEVE	0.60 mm
PERMITTIVITY	ASTM D-4491	3.5 sec <sup>-1</sup>	3.5 sec <sup>-1</sup>
PERMEABILITY	ASTM D-4491	0.25 cm/sec	0.25 cm/sec
WATER FLOW RATE	ASTM D-4491	250 gal/min/ft <sup>2</sup>	10,185 l/min/m <sup>2</sup>
% OPEN AREA (POA)	COE-22125-86	28%	28%

PROPERTY	TEST METHOD	VALUE	UNITS
CONSTRUCTION	ASTM D-3775	26 x 18	threads/inch
WEAVE	Visual	HONEYCOMB	
YARN SIZE – WARP	ASTM D-1907	Denier	1675 denier
YARN SIZE – FILL	ASTM D-1907	Denier	1675 denier
WEIGHT	ASTM D-3776	10.0	oz/yd <sup>2</sup>
TENSILE – WARP	ASTM D-5034	490	Lbs/in
TENSILE – FILL	ASTM D-5034	340	Lbs/in
THICKNESS	ASTM D-6525	140	mils
MULLEN BURST	ASTM D-3786	550	PSI