

DOT

NONWOVEN GRAVEL BAG (8 OZ.)

The **Nonwoven Gravel Bag** is an all purpose erosion and sediment control device made from a nonwoven polypropylene geotextile and filled with 40 pounds " pea gravel. The nonwoven geotextile is made specifically to separate small particles from water such as sediment and silt. This nonwoven bag is UV, tear, and puncture resistant making it extremely durable and able to withstand the elements. This bag meets the 2018 Caltrans Standard Specifications requirements for a "Gravel Filled Bag."

PRIMARY USES

- Inlet protection
- Check dams
- Weighing applications for temporary signage, drain filters, tarps, plastic sheeting, etc.
- Slope interruption
- Jobsite perimeter control
- Stockpile perimeter control
- Stream and channel protection



BENEFITS

- Tear and puncture resistant
- UV resistant
- Bag is a nonwoven geotextile material made specifically to filter water



SPECIFICATIONS

The product complies with the requirements of Caltrans Standard Specifications Sections "13-5.02G Gravel-Filled Bags" and "96-1.02F Gravel Filled Bag"

PART NUMBER	GBFCT
SIZE	17" x 28"
WEIGHT (PER UNIT)	40 lbs.
NUMBER OF UNITS/PALLET	50

BAG MATERIAL – NONWOVEN POLYPROPYLENE

PROPERTY	UNITS	TEST METHOD	DATA
GRAB TENSILE STRENGTH	lbs.	ASTM D4632	205 (lbs)
GRAB TENSILE ELONGATION	percent	ASTM D4632	50 (%)
TRAPEZOIDAL TEAR	lbs.	ASTM D4533	80 (lbs)
CBR PUNCTURE	lbs.	ASTM D6241	500 (lbs)
UV RESISTANCE	-	ASTM D4355	70% @ 500 hours
PERMITTIVITY	Sec. \wedge -1	ASTM D4491	1.35 (sec \wedge -1)
WATER FLOW RATE	gpm/ft. \wedge 2	ASTM D4491	90 (gpm/ft \wedge 2)
APPARENT OPENING SIZE (AOS)	-	ASTM D4751	80 US Std. Sieve
FILL: 40 lbs of $\frac{3}{8}$ " Pea Gravel			



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