

TraFFix Devices Inc.



Engineered Products for Safer Highways

BIG SANDY®



Big Sandys perform as tested with break upon impact plastic



MASH Eligibility Letter:

MASH Eligible TL-3, Crash Cushion - CC-139

NCHRP-350 Approval Letters:

NCHRP-350 Big Sandy, Mixing of Barrels - HNG-14

NCHRP-350 Big Sandy, Roto-Molded - CC-52

NCHRP-350 Big Sandy - CC-52A

NCHRP-350 Big Sandy, Injection Molded - CC-52B

NCHRP-350 Big Sandy, HDPE Injection Molded - CC-52C

- Big Sandy is identical and unchanged as a crash cushion when tested to NCHRP 350, TL-3 and MASH Eligible, TL-3.
- Big Sandy twelve barrel array is identical and unchanged when tested to NCHRP 350, TL-3 and MASH Eligible, TL-3.
- Big Sandy barrels are engineered to break upon impact, reducing the chance of lifting or vaulting of the impacting vehicle.
- Three (3) barrels are used to create all weights required in current standard array plans (200, 400, 700, 1400 and 2100 lbs. / 90, 180, 320, 640 and 960 kg).
- Combination barrel utilizes a pedestal base and 200, 400, 700 lbs. (90, 180, 320 kg) top half barrel to obtain weights without using shelves or cone inserts – eliminates leaking sand.
- Simply fill the sand to the molded-in fill line to obtain the correct weight. The molded-in fill line makes external verification of weights easy.
- Reinforced lip prevents barrels from deforming when filled and provides a quick and secure lid fit.
- Big Sandy's stout construction allows for easy moving, lifting and emptying with optional TraFFix Lifting Ring.

BIG SANDY®



Three separate barrels available



Easy lift with Lifting Ring

Big Sandy®

IMPACT ATTENUATOR SAND BARRELS

Specification:

These specifications describe a plastic barrel which is filled with sand and used in arrays for providing vehicle crash cushions. The Big Sandy is both NCHRP-350 Approved, TL-3 and MASH Eligible, TL-3. The barrels are covered by a plastic lid and have a lifting flange for purposes of attaching a lifting ring to move the barrels. Three separate barrels are available. The largest holds 2,100 lbs. (960 kg.); the second largest holds 1,400 lbs. (640 kg.) and the third can be filled to 700 lbs. (320 kg.), 400 lbs. (180 kg.) and 200 lbs. (90 kg.). The third size barrel is assembled in the field by locking two different sizes of half-barrels together and filling to one of three different fill heights as marked on the barrel. The barrels are made of polypropylene and high-density polyethylene UV stabilized molded plastic with a yellow colorant. This plastic combination is engineered to break upon impact, resulting in proper attenuation of the impacting vehicle. All barrels are Q.C. tested for part weight, color, thickness, drain holes, and lid fit. Each plastic barrel comes with a five year, pro-rated repair or replacement warranty against U.V. weathering degradation.



For easy lifting with a forklift, the Big Sandy Lifting Ring is also available

#48001-LR



2,100 lbs. (953 kg.)

#48210-0



1,400 lbs. (635 kg.)

#48140-0



700 lbs. (318 kg.) / 400 lbs. (181 kg.) / 200 lbs. (91 kg.)

#48247-AB

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