

CrashGard® Sand Barrel System

Specifications

PSS designed CrashGard Sand Barrel System for the intended use as a gating, non-redirective crash attenuator.

Description of System:

The CrashGard Sand Barrel consists of 3 components:

Barrel, P/N CC-48:

Overall dimensions: 36.0" diameter, 48.0" height.

Configuration of lower portion: configured in a square profile, which creates lifting shelves at the intermediate section of the barrel.

Design function of lifting shelves: provide support for forklift transport.

Configuration of upper portion: configured in a straight wall. Groove in top of barrel allows for snap-on lid. Barrels will easily nest when empty of contents and with insert and lid removed.

Design function of straight wall: allows for easy application of retro-reflective sheeting, and supports the CrashGard Hoist lift ring used for transport.

Maximum ballast: 2,100 lbs. of sand.

The barrel is marked externally with the following fill marks: 200, 400, 700, 1,400 and 2,100 lbs.

Molding process and material: blow-molded from high molecular, high density polyethylene (HLMI-HDPE) material, which includes UV stabilizer agents. Safety Yellow in color.

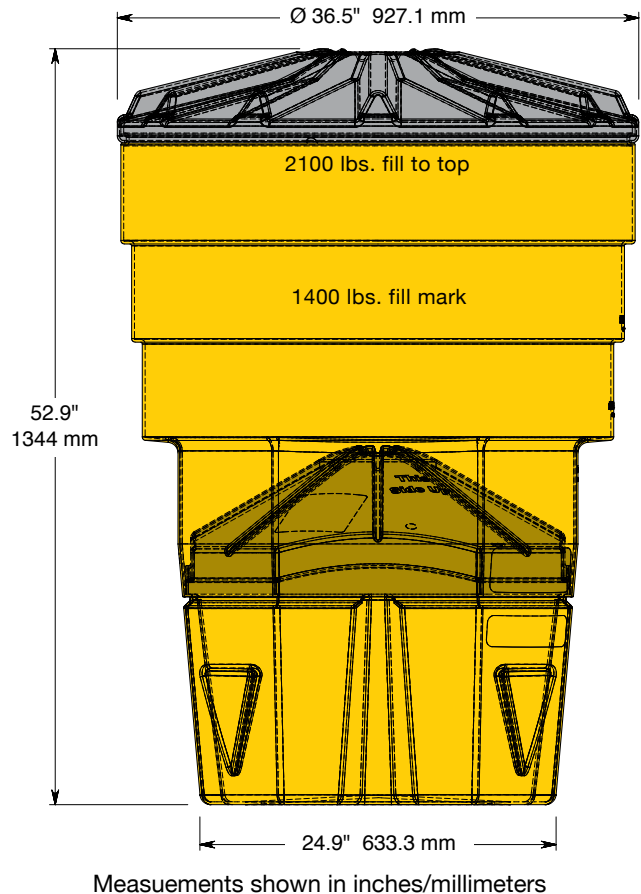
Insert, P/N CC-I28:

Overall dimensions: 27.0" square, 10.8" height.

Configuration: conical in shape. Inserts will nest.

Design function: allows for ballast of either 200, 400, or 700 lbs. of sand when installed on the ledge molded into the internal lower portion of the barrel. Install conical side up, as indicated.

Molding process and material: rotationally molded from high density polyethylene (HDPE) material.



Lid, P/N CC-L36:

Overall dimensions: 36.5" diameter, 6.6" height.

Configuration: round in shape. Lids will nest.

Design function: tamper-resistant fit on top of barrel. Reduces vandalism and infiltration of water. Lip of lid snaps into a groove in the top of the barrel.

Molding process and material: blow-molded from high molecular, high density polyethylene (HLMI-HDPE) material, which includes UV stabilizer agents. Black in color.

Performance:

Installers will position the CrashGard Sand Barrel Systems in front of a hazard in an array format.

Each array shall be designed to reduce the rate of deceleration of the impacting vehicle.