

## Thick-Walled Cardboard Cores

### Tube Core Conversion

For over 15 years, TITANTubes® have been packaged on either 4' or 7.5' square steel tubing. However, in order to control prices resulting from the current soaring costs of steel and to realize some of the benefits of the round thick-walled cardboard cores, Flint Technical Geosolutions will be transitioning to these thick-walled round cardboard cores. In addition to being more cost effective, the round shape of these cores will facilitate easier dispensing (and core disposal) of the TITANTubes® due to being lighter, easier to recycle and have a larger internal diameter so as to accommodate a larger insertion pipe or bar for dispensing.

#### Core Specifications

The spiral cardboard cores have the following physical properties:

Internal Diameter – 4"

Wall Thickness - .300" +/- .010"

Crush Strength 60 lbs/in +/- 5%

Beam Strength 750 lbs +/- 5%

### Storage and Handling

These guidelines apply to TITANTubes® regardless of the core type, but are especially important when dealing with cardboard cores. Unless the tubes are stored indoors under completely dry conditions, they must be elevated (on pallets or railroad ties, etc) and the stack must be completely tarped so as to cover the ends of the cores. The tarps must be secured to avoid getting blown away in high winds. The tubes shall be stored in a well-drained area that will not accumulate water to tube to one side or the other which would make it tend to roll.

### Optional

For extremely large tubes or for tubes used in a coastal or marine environment, or at the customer's request, steel cores (round or square tubing) will be used for an upcharge. Tubes that will be stored outdoors for long durations may also warrant plastic core plugs for the thick-walled cardboard cores to avoid moisture absorption which could lead to crushed cores.



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