



## Handling & Storage of Plastic Pipe

The Pipeline Safety **Plastic Pipe Rule**, 49 CFR Part 192 – Docket No. PHMSA-2014-0098: Amdt. No. 192-124, RIN 2137-AE93 was published to the Federal Register on 11/20/18 with an effective date of 1/22/19.

This **Rule** requires that each operator must have and follow written procedures for the storage and handling of plastic pipe. As such, utilities are contacting manufacturers for copies of recommended practices for the storage and handling of plastic pipe.

Excerpts from the DuraLine internal ISO procedure for **Preservation of Product** are provided as consideration for incorporation into our valued customer's written procedures.

All products shall be handled in a manner that prevents damage to the product. Forklifts shall be used to transport all coiled and stalk pipe products within the facility.

Product shall not be allowed to contact the ground surface during transport. Bundle lifts shall be used when transporting all stalk pipe of 2.375" outside diameter and smaller.

In the event that a bundle lift is not available, two forklifts may be used simultaneously to transport the pipe.

The overall objective is to ensure that the bundle does not "sag", thereby preventing pipe from dragging the ground and from banding being broken. If larger diameter pipes sag excessively (i.e. drag the ground, damage pipe ends when lifting, break bands or boards), utilize a bundle lift or two forklifts as described above. This may be necessary during summer months in hotter climates.

All products shall be stored in a manner that prevents damage or deterioration to the product. Bundles of stick pipe shall be stacked no higher in the yard than what is practiced when loading a truck for shipment. If the storage site is flat and level, stalk pipe load packs may be stacked evenly upon each other to an overall height of about 8'. For less flat or less level terrain, limit stacking height to about 4'.

Additional questions regarding this topic should be directed to DuraLine Engineering/Technical Support at 940-727-3278.