

# *Tunnel Mill Polymer, Inc*

## **R264124-PCL Cone Vault For FTTX Drop Splicing**

The R264124-PCL cone vault and lid combination were designed specifically for splicing subscriber drops to the distribution cable in FTTX projects.

*This Tier 22 compliant vault offers robust performance, excellent bend radius, light weight, and advantages that are only available with a round vault.*

*And, it makes these features available at a lower cost.*

Rectangular splicing vaults have commonly been used to house drop splicing for FTTX installations when the owner does not choose to house the splice in an above-ground pedestal. The geometry of a rectangular vault means that the bend radius is dictated by the smaller dimension of the vault. Space goes to waste. Also, the longer straight wall is less resistant to soil loading. This means that either the vault must have heavier walls, or else be subject to sidewall flex and failure during backfill. The inherently stronger arched form of a round vault gives the maximum



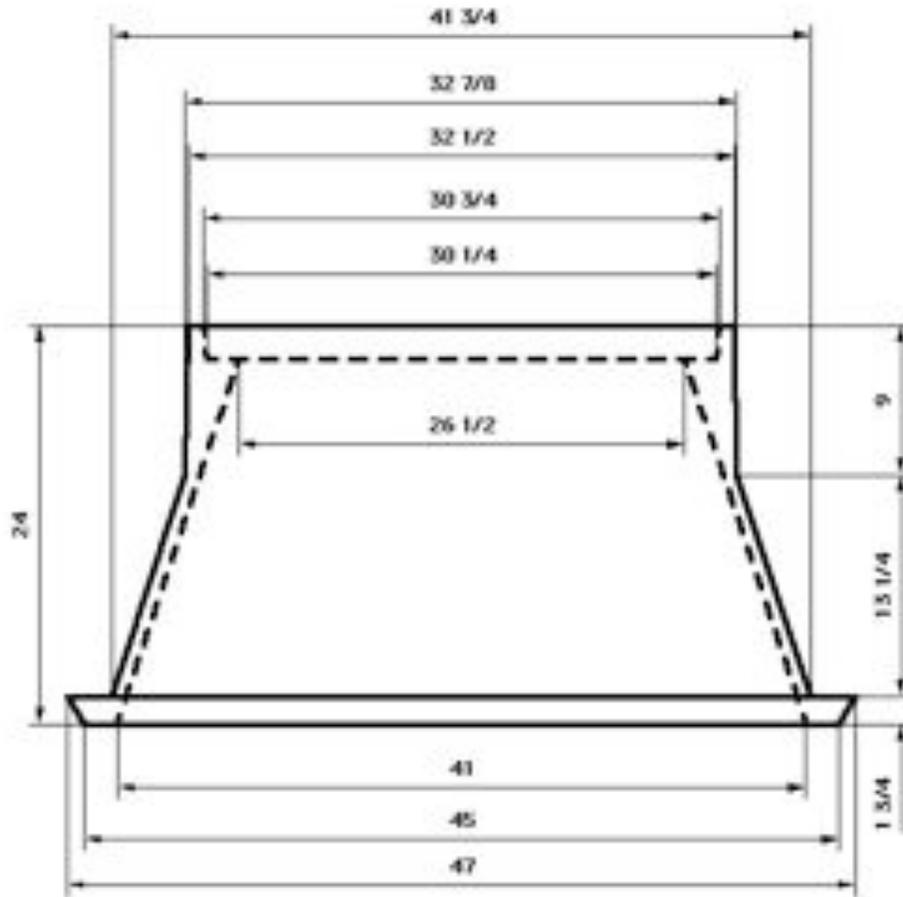
resistance to soil pressure.

The round vault also provides a more efficient storage shape. The same bend radius is available in both directions, and no storage space is wasted in the corners. No wasted space means the vault weight is lower, at only 246 lbs.

One last advantage of the round vault is that ***the lid cannot be dropped into the vault.*** One person can safely and easily remove or replace

the lid, which weighs only 92 lbs, without worries that a mishap will damage cable, drops, or splice cases. It just can't happen, because a round lid doesn't fit through the opening.

R264124 vaults are cast with provision for bolting lids in place. Standard bolts are hex head stainless, but security bolts are available. Vaults nest to ship, are stacked 5 high, and can be loaded 130 to a standard (53') semi load.



R264124-PCL Finished Casting Dimensional Drawing



*R264124 Cone vaults are provided with three - 3/8-16 threaded inserts on the inner surface of the cone, 4" below the lid, to be used with stainless steel j-bolts to support splice cases or racking. A pair of threaded inserts is also cast into the inner surface to mount a grounding lug.*



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