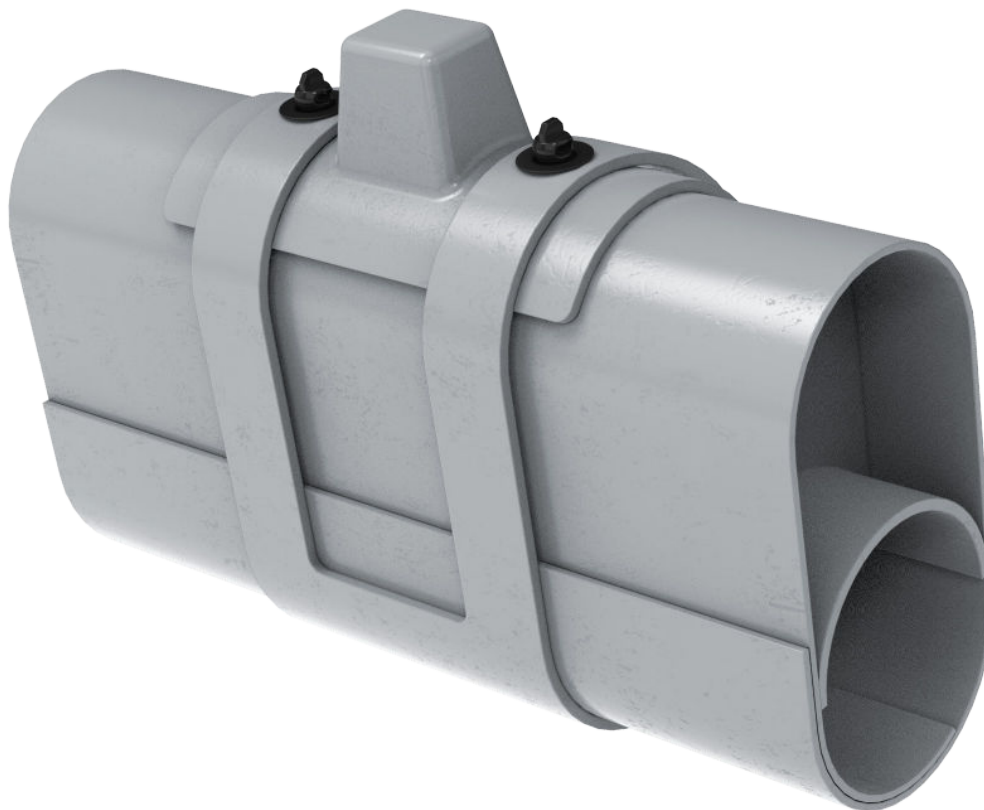


Arc Proof Boot

Product Data Sheet

The Richards Arc Proof Boot is designed to facilitate arc proofing of medium voltage disconnectable joints in underground structures such as manholes. The Arc Proof Boot is molded to form a flexible shape that allows easy application around a disconnectable joint. The entire boot can be rolled around the joint as opposed to hand-taping arc proofing material around the joint profile. A molded-in pocket allows the boot to be seated on a joint that has a capacitive test point. The Arc Proof Boot is available with a viewing window that secures with locking latches to allow for inspection of the joint and access to the capacitive test point.



Features

- Made in the USA
- Compression molded from proprietary arc proof material
- Viewing window to inspect joint and access test point
- Molded-in pocket to accommodate capacitive test point

Product Details

Part Number	For Use With
APB-JY0	Disconnectable "Y" Joints
APB-JH0	Disconnectable "H" Joints

Qualification Testing

Arcing Test performed per Con Edison Spec E0-5343 Section 3.2.1 with Canadian Electricity Association (CEA) report #204D426-1986 used as guide. Purpose of test is to ensure the product sufficiently protects a splice/joint from the effects of 20kA_{rms} arcing fault (for 10 cycles @ $15.6\text{kV}_{\text{L-G}}$) that occurs on an adjacent splice/joint. Visual inspection and dielectric tests (Partial Discharge and AC Withstand) are performed on two non-faulted joints following the fault on a third joint.