



ADVANCE
PRODUCTS & SYSTEMS, LLC
P.O. Box 60399
Lafayette, Louisiana 70596-0399
Toll Free: (800) 315-6009
Phone: (337) 233-6116
Fax: (337) 252-3860
Email: sales@apsonline.com
www.apsonline.com
ISO 9001 Certified

Engineering Specification for the:

APS IsoJoint®

The APS IsoJoint® monolithic isolating joint shall be manufactured of API 5 L grade B or X grade steel to any diameter or wall thickness. The monolithic joint shall consist of two pipe pups and a forged or pipe steel body that is assembled and welded under a compression load. Isolation shall be accomplished by means of two G-10 or G-11 rings. A double pressure-sealing system consisting of NBR or silicone rubber forming a positive pressure seal is incorporated within the body of the IsoJoint®. A dielectric filler material shall be used between the isolating rings and in the external gap between the body and pipe pup of the joint. All Isojoints® shall be pressure tested to 1½ times operating pressure and dielectrically tested, at the factory. Optionally, Isojoints® can be non-destructive tested. The APS IsoJoint® shall be used to electrically separate a main pipeline from other structures and/or external stray electrical currents.

IsoJoint® monolithic isolating joints shall be as supplied by Advance Products & Systems, LLC., Scott, Louisiana, USA.