



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.