

DIN EN 17176-5:2019-07 (E)

Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 5: Fitness for purpose of the system

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Fitness for purpose of joints and the system	6
4.1	Assemblies with non-end-load-bearing joints	6
4.2	Assemblies with end-load-bearing joints	7
5	Test methods	8
5.1	Short-term test for leaktightness under internal pressure with angular deflection	8
5.1.1	Test procedure	8
5.1.2	Test pressure	9
5.2	Leaktightness under negative pressure, angular deflection and deformation	9
5.3	Long-term leaktightness under internal water pressure	10
5.4	Short-term positive pressure test for leak tightness of assemblies	11
5.5	Short term negative pressure test for leak tightness of assemblies	11
5.6	Cycling pressure test for leak tightness of assemblies with cast iron fittings	11
Bibliography		12