ISO 16422-5:2024-02 (E)

Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure - Part 5: Fitness for purpose of the system

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 2

4 Fitness for purpose of joints and the system 2
4.1 General 2
4.2 Assemblies with non-end-load-bearing joints 2
4.3 Assemblies with end-load-bearing joints 3

5 Test methods 4
5.1 Short-term test for leaktightness under internal pressure with angular deflection 4
5.1.1 Test procedure 4
5.1.2 Test pressure 6
5.2 Short-term test for leaktightness under negative pressure with angular deflection and deformation 6
5.3 Long-term leaktightness under internal water pressure 7
5.3.1 Test procedure 7
5.4 Short-term positive pressure test for leaktightness of assemblies 7
5.5 Short-term negative pressure test for leaktightness of assemblies 8

Annex A (normative) Pressure test for leaktightness of assemblies with end-load-bearing joints 9

Bibliography 11