

ISO 8513:2023-07 (E)

Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes - Test methods for the determination of the initial longitudinal tensile strength

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus	3
5.1	Tensile-testing machine	3
5.2	Grips	3
5.3	Dimension measurement devices	4
6	Test pieces	4
6.1	General	4
6.2	Strip test piece (method A)	4
6.2.1	Shape	4
6.2.2	Dimensions	4
6.2.3	Use of built-up ends	6
6.3	Pipe section test pieces (method B)	6
6.4	Number of test pieces	6
7	Conditioning	7
8	Test temperature	7
9	Procedure (methods A and B)	7
10	Calculation	7
10.1	For strip test pieces (method A)	7
10.2	For pipe test pieces (method B)	8
11	Test report	8
Annex A (informative)	Determination of longitudinal properties for helically filament-wound thin wall pipe	10
Bibliography		12