

ISO 4671:2022-03 (E)

Rubber and plastics hoses and hose assemblies - Methods of measurement of the dimensions of hoses and the lengths of hose assemblies

Contents		Page
Foreword		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Test piece conditioning and temperature of measurement	1
4.1	Conditioning of test pieces	1
4.2	Measurement temperature	1
5	Measurement of inside diameter	2
5.1	General	2
5.2	Method 1	2
5.3	Method 2	2
5.4	Method 3	2
5.5	Method 4	3
5.6	Method 5	3
5.7	Method 6	3
5.8	Method 7	3
6	Measurement of outside diameter	3
6.1	General	3
6.2	Method 1	3
6.3	Method 2	3
6.4	Method 3	3
6.5	Method 4	4
6.6	Method 5	4
7	Measurement of diameter over reinforcement	4
8	Measurement of wall thickness	4
8.1	General	4
8.2	Method 1	4
8.3	Method 2	4
8.4	Method 3	5
8.5	Method 4	5
9	Measurement of concentricity	5
9.1	General	5
9.2	Method 1	5
9.3	Method 2	6
9.4	Method 3	6
9.5	Method 4	6
9.6	Method 5	6
10	Measurement of lining and cover thickness	6
10.1	General	6
10.2	Method 1	6
10.3	Method 2	7
10.4	Method 3	8
11	Measurement of length and identification of measurement points	8
11.1	Measurement of length	8
11.2	Measurement points	8

11.2.1	Hoses.....	8
11.2.2	Hose assemblies.....	8
12	Verification of through-bore of hose assemblies.....	10
13	Test report.....	10
	Bibliography.....	11