

ISO 15398:2012-12 (E)

Specifications for thermoplastics covers and frames for manholes and inspection chambers used in non-traffic areas

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms, definitions, symbols and abbreviations	3
3.1	Terms and definitions	3
3.2	Abbreviations	3
4	Material	4
4.1	Other materials	4
4.2	Utilization of non-virgin materials	4
4.3	UV resistant formulations	4
4.4	Sealing rings	5
4.5	Metallic fixings	5
4.6	Solvent cement	5
5	General characteristics	5
5.1	General	5
5.2	Removal of covers from frames	5
5.3	Appearance	5
5.4	Colour	5
6	Geometrical characteristics	5
6.1	Dimensions - general	5
6.2	Total clearance between cover and frame	6
6.3	Compatibility of seatings	6
6.4	Flatness of manhole covers	6
6.5	Anti	6
	skid pattern	6
7	Classification and installation	6
8	Mechanical characteristics	7
9	Physical characteristics	7
10	Performance and durability requirements	8
10.1	General performance	8
11	Marking of covers and frames	8
11.1	Marking of covers and frames	8
11.2	Additional documentation	9
	Annex A (normative) Material requirements for materials used in covers and frames	10
	Annex B (normative) Impact test on covers and frames	11

Annex C (normative) Skid resistance test	12
Bibliography	15