

ISO 3994:2007-08 (E)

Plastics hoses - Helical-thermoplastic-reinforced thermoplastics hoses for suction and discharge of aqueous materials - Specification

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Classification	2
5	Materials and construction	2
6	Dimensions and tolerances	2
6.1	Nominal bores, internal diameters and tolerances	2
6.2	Length tolerances	2
7	Performance requirements	3
7.1	Hydrostatic testing at 23 °C ± 2 °C	3
7.2	Hydrostatic testing at 55 °C ± 2 °C	4
7.3	Maximum working pressure	4
7.4	Tensile adhesion test	5
7.5	Vacuum test	5
7.6	Reinforcement fracture test	5
7.7	Minimum bend radius	6
7.8	Cold-bend radius	6
7.9	Loss in mass on heating	6
7.10	Exposure to xenon-arc lamp	6
8	Type, routine and production testing	7
9	Marking	7
10	Recommendations for packing and storage	7
Annex A (normative) Tensile adhesion test		8
Annex B (normative) Vacuum test		10
Annex C (normative) Reinforcement fracture test		11
Annex D (normative) Type and routine tests		13
Annex E (informative) Recommended tests for production testing		14