

ISO 4079:2009-05 (E)

Rubber hoses and hose assemblies - Textile-reinforced hydraulic types for oil-based or water-based fluids - Specification

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Classification	2
5	Materials and construction	2
5.1	Hoses	2
5.2	Hose assemblies	2
6	Dimensions	2
6.1	Hose diameters and hose concentricity	2
6.2	Length	4
7	Performance requirements	4
7.1	General	4
7.2	Hydrostatic requirements	4
7.3	Minimum bend radius	6
7.4	Resistance to impulse	7
7.5	Leakage of hose assemblies	8
7.6	Cold flexibility	8
7.7	Adhesion between components	8
7.8	Vacuum resistance	9
7.9	Fluid resistance	9
7.10	Ozone resistance	9
7.11	Visual examination	10
8	Marking	10
8.1	Hoses	10
8.2	Hose assemblies	10
Annex A (normative) Type and routine testing of production hoses		11
Annex B (informative) Periodic testing of production hose		12
Annex C (informative) Recommendations for lengths of supplied hoses and tolerances on lengths of hose assemblies		13