

ISO 1436:2026-01 (E)

Rubber hoses and hose assemblies - Wire-braid-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	5
7.4	Resistance to impulse	5
7.5	Leakage of hose assemblies	6
7.6	Low temperature flexibility	6
7.7	Adhesion between components	6
7.8	Vacuum resistance	6
7.9	Abrasion resistance	6
7.10	Fluid resistance	7
7.10.1	General	7
7.10.2	Oil resistance	7
7.10.3	Water-based fluid resistance	7
7.10.4	Water resistance	7
7.11	Ozone resistance	7
7.12	Visual examination	7
8	Frequency of testing	8
9	Marking	8
9.1	Hoses	8
9.2	Hose assemblies	8
Annex A (normative) Test frequency for type tests and routine tests		10
Annex B (informative) Recommendations for lengths of supplied hoses and tolerances on length of hose assemblies		12
Bibliography		13