

DIN EN 854:2026-08 (E)

Rubber hoses and hose assemblies - Textile reinforced hydraulic type - Specification

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Types of hoses	5
5 Materials and construction	5
5.1 Hoses	5
5.2 Hose assemblies	5
6 Dimensions	5
6.1 Diameters and concentricity	5
6.2 Length	6
6.2.1 Hoses	6
6.2.2 Hose assemblies	7
7 Requirements	7
7.1 Hydrostatic requirements	7
7.2 Minimum bend radius	8
7.3 Impulse test requirements	9
7.4 Leakage of hose assemblies	9
7.5 Low temperature flexibility	10
7.6 Adhesion between components	10
7.7 Vacuum resistance	10
7.8 Abrasion resistance	11
7.9 Fluid resistance	11
7.9.1 Test pieces	11
7.9.2 Oil resistance	12
7.9.3 Water-based fluid resistance	12
7.9.4 Water resistance	12
7.10 Ozone resistance	12
8 Designation	12
9 Frequency of testing	12
10 Marking	13
10.1 Hoses	13
10.2 Hose assemblies	13
Annex A (normative) Test frequency for type tests and routine tests	14
Bibliography	16