

DIN EN 13766:2020-07 (E)

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas - Specification (includes Amendment :2020)

Contents		Page
European foreword		3
1	Scope	3
2	Normative references	4
3	Terms and definitions	4
4	Classification	5
5	Materials and construction	5
6	Dimensions	6
6.1	Internal diameters, with tolerances and minimum bend radii	6
6.2	Tolerance on length	7
7	Performance requirements of hoses and hose assemblies	7
7.1	Film and fabric	7
7.2	Hoses	7
7.3	End fittings	8
7.4	Hose assemblies	8
7.5	Electrical continuity	9
8	Test frequency	9
9	Type tests	9
10	Marking	9
10.1	Hose marking	9
10.2	Hose assembly marking	10
Annex A(normative) Method of test for crush recovery		11
Annex B(normative) Method of test for thermal ageing		13
Annex C(normative) Method of test of fittings subjected to low temperatures		14
C.1	General	14
C.2	Specimen size	14
Annex D(normative) Sequence of hydrostatic tests		15
Annex E(normative) Method of test for fitting security		16
Annex F(normative) Method of test for leak tightness		18
Annex G(normative) Method of test for flammability		19
Annex H(normative) Type and routine tests for hoses and hose assemblies		21
Annex I(informative) Batch tests for hoses and hose assemblies		22
Bibliography		23