

ISO 27127:2014-07 (E)

Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas - 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
6	Dimensions	3
6.1	Inside diameters, with tolerances and minimum bend radii	3
6.2	Tolerance on length	4
7	Performance requirements of hoses and hose assemblies	4
7.1	Film and fabric	4
7.2	Hoses	4
7.3	End fittings	5
7.4	Hose assemblies	5
7.5	Electrical continuity	6
8	Test frequency	6
9	Type tests	6
10	Marking	6
10.1	Hose marking	6
10.2	Hose assembly marking	7
Annex A (normative) Crush recovery test		8
Annex B (normative) Method of test for thermal ageing		10
Annex C (normative) Method of test of fittings subjected to low temperatures		11
Annex D (normative) Sequence of hydrostatic tests		12
Annex E (normative) Method of test for fitting security		13
Annex F (normative) Method of test for leak tightness		15
Annex G (normative) Type and routine tests for hoses and hose assemblies		16
Annex H (informative) Batch tests for hoses and hose assemblies		17
Bibliography		18