

DIN EN ISO 21225-2:2019-06 (E)

Plastics piping systems for the trenchless replacement of underground pipeline networks - Part 2: Replacement off the line by horizontal directional drilling and impact moling (ISO 21225-2:2018)

Contents		Page
European foreword		3
Foreword		4
Introduction		5
1 Scope		7
2 Normative references		7
3 Terms and definitions		8
4 Symbols and abbreviated terms		13
4.1 Symbols.....		13
4.2 Abbreviated terms.....		14
5 Design aspects		14
6 Material selection		14
6.1 Pipes and fittings.....		14
6.2 Regional requirements for pipes and fittings.....		15
6.3 Ancillary components.....		15
7 Installation practice		15
7.1 Preparatory work.....		15
7.2 Storage, handling and transport.....		15
7.3 Equipment.....		16
7.3.1 General.....		16
7.3.2 Inspection equipment.....		16
7.3.3 Lifting equipment.....		16
7.3.4 Butt fusion equipment and debanding equipment.....		16
7.3.5 Pipe skids/rollers.....		16
7.3.6 HDD equipment.....		17
7.3.7 Impact moling equipment.....		17
7.3.8 Electrofusion equipment.....		18
7.4 Installation.....		18
7.5 Process-related inspection and testing.....		19
7.6 Finishing off.....		19
7.7 Connection to the existing pipeline system.....		19
8 Fitness for purpose		20
8.1 General.....		20
8.2 Final inspection.....		20
8.3 Pressure testing.....		20
8.4 Disinfection.....		20
8.5 Documentation.....		21
Annex A (normative) Layered pipes		22
Annex B (informative) Pipe design considerations particular to HDD		23
Bibliography		25