

Technical Requirement for Environmental Products

The Certificable Technical Requirement for Environmental Labelling Products

Plastic Tubing for Construction

HJBZ 39-1999

1 Scope

This technical requirement specifies the basic requirements, technical contents and test methods for environmental labelling products of plastic tubing for construction.

This technical requirement shall apply to all plastic tubings for construction that replace cast-iron pipes and galvanized steel pipes, and plastic-metal composite tubes (including fittings), including drainpipes, cable conducts, fuel gas pipes under ground and their fittings.

2 Standards cited

Provisions in the following standards are cited in this technical requirement, and therefore form the provisions in this standard. They have the same effectiveness as the technical requirement itself.

GB/T 14943-94 Method for determination of residual ethylidene dichloride in polyvinyl chloride resin and product for food container and packaging material

GB 15558.1-1995 Buried polyethylene (PE) pipes for the supply of gaseous fuels

GB 15558.2-1995 Buried polyethylene (PE) fittings for the supply of gaseous fuels

GB/T 17219-1998 Standard for safety evaluation of equipment and protective materials in drinking water system

JG/T3001-92 Insulating Conduits and Fittings for Building Electrical

In case of the criteria above are revised, the latest version should be applied.

3 Basic requirements

3.1 Quality of products and performance should conform with relevant requirements for quality of products and performance standards.

3.2 Pollutant emission of the company should be obliged to conform with pollutant emission standards nationally or locally.

4 Technical contents

4.1 Tubings/fittings should be plastic or plastic-metal composite products.

4.2 Water delivery tubing/fitting

4.2.1 Hygienic indexes of water supply tubing/fitting should accord with requirements in GB/T 17219-1998.

4.2.2 PVC drain tubing/fitting should conform with the requirements listed in the following table.

		Unit: mg/kg	
Items		Method of acetylene	Method of ethylene
1, 1 - Dichloroethane	≤	200	-
1, 2- Dichloroethane	≤	-	10
Chlorethylene	≤	5.0	5.0

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4.3 Cable conduct and fittings

Cable conduct and fittings should conform with requirements of JG/T3001—92.

4.4 Fuel gas tubing/fitting under ground

4.4.1 PVC tubing for fuel gas under ground should accord with requirement of GB 15558.1-1995.

4.4.2 PVC fitting for fuel gas under ground should accord with requirement of GB 15558.2-1995.

5 Test

5.1 Provisions specified by 4.1 of technical contents should be checked by field inspection.

5.2 Provisions described in 4.2.1, 4.3, 4.4 of basic requirements and technical contents should be checked by the way of documentation review.

5.3 Test method for 1,1-Dichloroethane, 1,2-Dichloroethane and Vinyl Chloride Monomer in technical contents should be conducted according to GB/T 14943-94.

Annotations:

This technical requirement has been prepared by Department of science and technology, standards of State Environment Protection Administration.

The State Environment Protection Administration keeps the right of interpretation for this technical requirement.