
INTERNATIONAL STANDARD



574

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Textile machinery and accessories — Perforated cylindrical tubes for cheese dyeing

Matériel pour l'industrie textile — Tubes cylindriques perforés pour teinture

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Descriptors : textile machinery, dyeing machines, pipes (tubes), dimensions, dimensional tolerances.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 574 was developed by Technical Committee ISO/TC 72, *Textile machinery and accessories*, and was circulated to the member bodies in February 1977.

It has been approved by the member bodies of the following countries :

Belgium	Korea, Rep. of	Spain
Czechoslovakia	Mexico	Switzerland
Germany, F.R.	Netherlands	United Kingdom
India	Poland	U.S.S.R.
Italy	Romania	Yugoslavia
Kenya	South Africa, Rep. of	

No member body expressed disapproval of the document.

The member bodies of the following countries expressed disapproval of the document on technical grounds :

France
Japan

This International Standard cancels and replaces ISO Recommendation R 574-1967, of which it constitutes a technical revision.

Textile machinery and accessories – Perforated cylindrical tubes for cheese dyeing

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensions and tolerances of perforated cylindrical tubes for cheese dyeing. Furthermore, directives are given for the material, and for the control of the inner diameter and the length of the tube.

2 REFERENCE

ISO 3914, *Textile machinery and accessories – Cylindrical tubes – Recommended values of inner diameters and lengths.*

3 DIMENSIONS AND TOLERANCES

See the figure and table.

Dimensions which are not specified are left to the discretion of the manufacturer.

4 MATERIAL

The material may be impregnated or lacquered paper, suitable plastics or metal (for example stainless steel).

The number, size and location of perforation shall be specified.

5 CONTROL OF THE INNER DIAMETER AND LENGTH OF THE TUBE

To check the inner diameter of the tube, a GO/NOT-GO type gauge must be used.

To check the tolerances of the length of the tube, a suitable gauge for controlling lengths, for example a slide-gauge, must be used.

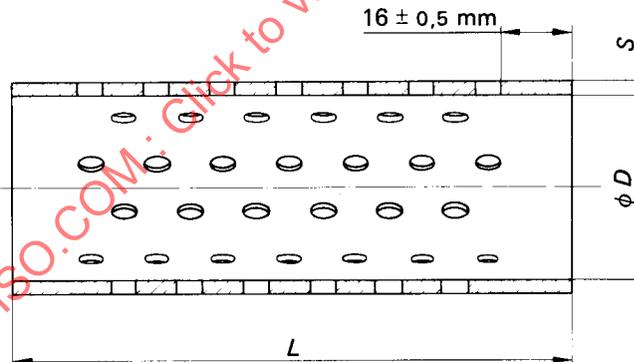


FIGURE – Tube

TABLE – Tubes

Values in millimetres

	Admissible deviations <i>D</i>		Admissible deviations <i>L</i>			<i>S</i>	
	paper or plastic tubes	metal tubes		paper or plastic tubes	metal tubes	paper or plastic tubes	metal tubes
33 ¹⁾	± 0,35	± 0,2	145	± 1	± 0,3	≈ 3	≈ 1
			170				
55 ¹⁾	± 0,6		145			≈ 4	
			170				

1) These values are widely used at the present time. For new designs, the values shown in ISO 3914 should be considered.