

Development of Flexible Corrugated Stainless Steel Tubing for Gas Piping*

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1 Introduction

Forming (Cylindrical tube, stainless steel, A1ST 99)

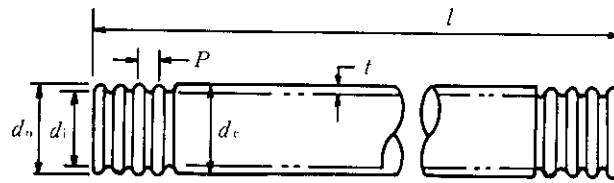


Fig. 2 Configuration of corrugated stainless steel tube

Table 1 Dimensions and material of stainless steel

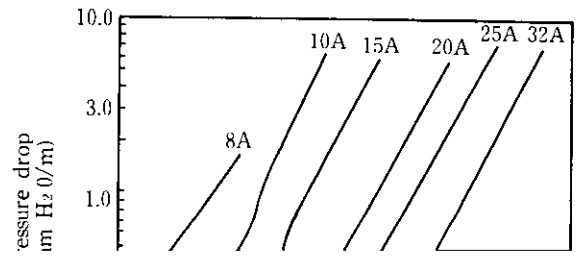
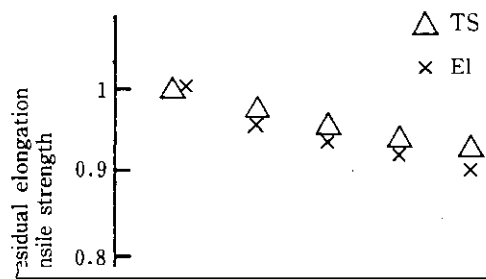
3.2 Characteristics

flexible pipe

Material	SUS 304
External	PVC

The characteristics of the flexible gas-piping are shown below for representative sizes, 8A, 10A, and 15A.

3.2.1 Pressure resistance test



(h)

Fig. 3 Results of weathering test

Fig. 4 Pressure drop diagram of flexible stainless steel tube

where