

Australian Standard<sup>®</sup>

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**Elastomeric hose and hose  
assemblies for steam-cleaning  
machines**

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This Australian Standard was prepared by Committee RU/1, Industrial Hose. It was approved on behalf of the Council of Standards Australia on 6 June 1990 and published on 12 November 1990.

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The following interests are represented on Committee RU/1:

Australian Gas Association  
Australian Institute of Petroleum  
Confederation of Australian Industry  
Department of Administrative Services, N.S.W.  
Department of Minerals and Energy, N.S.W.  
Plastics and Rubber Institute  
Plastics Industry Association  
Railways of Australia Committee  
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## PREFACE

This Standard was prepared by the Standards Australia Committee on Industrial Hose under the direction of the Committee RU/-, Standards for the Rubber Industry to supersede AS 2283—1979, *Elastomeric hose and hose assemblies for steam-cleaning machines*.

A test for ozone, and a requirement for high pressure hose (21 MPa) have been included in this edition. Also, the range of internal diameters has been modified to allow for hoses larger than those dealt with in the previous edition.

In the preparation of this Standard, account was taken of US Military Specification MIL-H-28596B, *Hose and hose assembly, rubber, steam*.

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## FOREWORD

In railway operations, the steam cleaning of heavy oil deposits from locomotive and general mechanical parts is a heavily demanding activity, and problems have occurred leading to an unsatisfactory short life for some types of steam hoses. Hence this Standard covers hose for conveying water, steam and cleaning agents up to a temperature of 200°C.

Oils, solvents, cleaning chemicals and hot, strong sunlight that occur in the work area reduce the life of elastomeric hose; thus requirements for resistance to detergents, oils and ozone have been included, which should help prolong the working life of hoses.