

AS 1179—1972

Australian Standard®

**GLOSSARY OF TERMS
FOR RUBBER HOSE**

The following scientific, industrial and governmental organizations were officially represented on the committee which prepared this standard:

Associated Chambers of Manufactures of Australia
Australian and New Zealand Railways Conferences
Country Roads Board, Victoria
Electricity Trust of South Australia
Government Stores Department, N.S.W.
The Institution of The Rubber Industry
Metropolitan Water Sewerage and Drainage Board
Petroleum Marketing Engineers Advisory Committee
Society of Automotive Engineers, Australasia
State Electricity Commission of Victoria

This standard, prepared by Committee RU/1, Rubber Hose, was approved on behalf of the Council of the Standards Association of Australia on 19 November 1971.

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PREFACE

This glossary of terms for rubber hose was drawn up by the Association's Committee on Rubber Hose, as one of a series of standards for rubber hose.

The terms listed describe the materials and operations associated with the manufacture of rubber hose; the use characteristics, such as acid resistance; the physical properties of the hose, such as thermal expansion; and defects commonly encountered in manufactured hose.

In drawing up this glossary, reference was made to the Rubber Manufacturers Association's Hose Handbook.

STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard
GLOSSARY OF TERMS
FOR
RUBBER HOSE

Term	Definition
abraded	Worn away by friction.
abrasion	Wearing away by friction.
accelerated ageing test	<ol style="list-style-type: none">1. A laboratory test procedure which has been intensified to reduce the time of exposure to reach an end point.2. Any set of test conditions designed to reproduce in a short time the deteriorating effect obtained under normal service conditions.
acid resistant	Withstands the action of acids.
adhere	<ol style="list-style-type: none">1. To cling or stick together.2. To cause to cling or stick together.
adhesion	<ol style="list-style-type: none">1. Basically, the adherence either by clinging, bonding or sticking, of two material surfaces to one another, such as rubber to rubber, rubber to glass, rubber to metal, rubber to wood, rubber to fabric, rubber to cord, rubber to wire.2. The strength of bond between cured rubber surfaces or cured rubber surfaces and a non-rubber surface.
adhesion failure	<ol style="list-style-type: none">1. The separation of the two surfaces with a force less than specified.2. The separation of the two adjoining surfaces due to service conditions.
adhesive	A material which when applied to two surfaces causes them to adhere on contact.
adhesive fabric	A fabric whose surfaces have been treated to enable it to bond two materials together when interposed between the surfaces. The adhesive fabric may also be used to adhere to only one surface, such as friction tape used in hose building.
ageing	Changes in properties with lapse of time. Changes in physical properties are measured.

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