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**TEE, 25MM X 1/2" BSP F X 25MM, SICOMAT ALUMINIUM COMPRESSED AIR PIPE FITTING,
ALTF2515**

SKU: ALTF2515



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\$22.88 inc. GST

Categories: [Compression Air Fittings for Aluminium Pipe](#), [Sicomat](#)



PRODUCT DESCRIPTION

AIR TOOLS WA

Perth's Largest Range of Air Compressors and Air Tools.
Industrial Air Compressors, Parts and Service.

Call [1300 062 377](tel:1300062377) or email sales@airtoolswa.com.au

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SICOMAT PIPING SYSTEMS

Sicomat Compressed Air Fittings

A major component to any efficient piping system is an equally efficient fitting system. Sicomat makes use of one of the best in the form of our 100% leaktight compression fittings. Designed with quality in mind

our fittings are manufactured from Akulon

Polyamide, one of the most highly used industrial grade plastics, renowned for its robust strength, high detail finish, cost effectiveness and long service

life. Used in everything from automotive parts and electronics all the way through to furniture, building products and sporting goods, Akulon has a robust range of capabilities including:

- High resilience and strength at elevated and low temperatures
- Fatigue resistant - maintains its features even under continuous stress
 - High abrasion and wear resistance, even in demanding and dusty environments
 - Excellent surface appearance and detail
 - Self-lubricating and low friction coefficient
- Excellent heat ageing resistance, extensive chemical resistance and stability

Our fittings make use of a series of grip rings, seals and o-rings to ensure said leak tight joint. Key to this process is the stainless steel grip ring, and the manner in which the teeth bind into the aluminium to hold the tube inside the coupling, whilst an internal nitrile o-ring gasket ensures that the joint is truly leak tight, and remains perfectly sealed even in the harshest conditions. Combining the superb range of features of Akulon with a tested and proven leak-free design, Sicomat Fittings are an ideal fit for a host of piping solutions.



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Why use Sicomat Aluminium Pipe for Compressed Air?

Aluminium is one of the most abundant elements on earth used to produce a very light weight but strong metal alloy, approximately three times lighter than comparable iron and steel counterparts. Furthermore its natural oxide layer offers excellent resistance to corrosion. All these factors combine to make it a compelling choice for high quality pipeline systems which are not only light and easy to install but also extremely durable and ideally suited to a host of demanding industry applications and environments. The Sicomat Aluminium pipe range offers the following range of features to consider for your next complete piping system solution:

Rust & Corrosion Resistant

Traditional systems often have inherent issues with corrosion and rust due to the materials they are made from, with years of continuous use seeing interior surfaces become pitted and worn. This leads to greater pressure loss, contamination and ultimately higher running costs. With the Sicomat Aluminium piping system this is no longer an issue as Aluminium is both corrosive and rust resistant, allowing it to continue to work at peak efficiency far longer than traditional systems.

Quick & Easy Installation

Through the use of both lightweight Aluminium Materials and easy to use compression fittings, Sicomat systems are notably quicker to install when compared to traditional systems such as black pipe or galvanized steel installations. Additionally systems require less specialized labour and can often be installed by a single user.

Leak Tight Fittings

The Sicomat piping system make use of a robust leak tight screw-type compression fittings which reduces the risk of leaks from badly sealed threads. This saves time in both installation and maintenance stages, reducing the systems overall costs across its life span.

Built to Last

As traditional systems deteriorate they become less efficient over time, increasing running and maintenance costs. With the Sicomat Aluminium system this concern is greatly reduced as system components due to the high manufacturing quality. Additionally system fittings will remain 100% leak free over their lifespan.

Smooth Bore

Constant pressure drops require compressors to work harder and reduce tool efficiency and productivity, and the rough, porous interiors of many traditional piping systems are often the cause. In comparison the smooth bore of Sicomat's Aluminium piping provides better flow and reduced pressure drops, improving system efficiency and reduces ongoing costs.

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Australian Standards - AS4041

The Sicomat Piping System has been evaluated by a independent test laboratory against the requirements of AS4041 pressure piping and ASME B31.3, based on performance testing for certification to the relevant parts of these standards. Result testing to these standards demonstrate that the Sicomat Piping System complies with the requirements of AS4041 pressure piping and ASME B31.3 situationally based on specific engineering design installation requirements.

Sicomat Piping Systems

Key Features

- Quick & Easy to Install vs Traditional Systems
 - Light Weight & Strong
 - Rust and Corrosion Resistant
 - Chemical and Fracture Resistant
 - U.V and Heat Resistant
 - Leak-Tight fittings
- Wide Range of Sizes Inc. 20mm – 160mm
 - Smooth Bore & High Air Flow
 - Compressor Oil Compatible
- Built to Australian Standards (AS4041 / AS1345 / AS1867)
 - Professional, High Quality Appearance

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