

Duct Leakage

The recently updated Australian Standard—Ductwork for Air-handling Systems in Buildings—**AS 4254.2**—states that Duct system “leakage” shall not exceed 5% of the design air quantity for the duct system. All duct systems with a capacity of 3000 L/s or greater shall be tested for air leakage at a static pressure of a minimum of 1.25 times the calculated design operating pressure in the tested duct section”.

The Ductware range provides a wide variety of products that have been widely tested and used to mitigate leakage, see below for a detailed listing.

- **Pressure Memory Gasket**

Pressure Memory Gasket is a Neoprene closed cell, rubber-based sealing tape—excellent for use between duct flanges to produce an airtight seal. This Gasket has a **memory, enabling it to move as the duct system moves** through the daily energise/de-energise cycle, thereby **reducing potential for leakage**.

- **Tapes**

Our range of Duct Tapes by Shurtape are available in 48mm, 72mm and 96mm width(s). They are all tested in accordance with UL 723, plus being Green Building Council—LEED® Point contributor products. These tapes have superior stability during extreme fluctuations in temperatures, thereby **reducing potential for leakage**.

- **Flange**

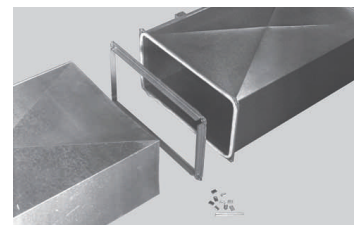
The Ductware connection systems from Ductmate® industries provide the added features of being **air tight with no added sealing required**. The Ductmate '45', '35', '25' and W.D.C.I slide-on connectors plus Spiralmate® have been tested in accordance with SMACNA procedures with no external sealant employed. It is The Most widely tested & approved Duct Flange in the world.

- **Sealants**

ProSeal, FiberSeal and Everseal are premium water based high-velocity duct sealants. They seal metal joints against air leaks in low, medium and high pressure duct systems. A special characteristic of these products is that they provide superior adhesion to metal, thereby **reducing potential for leakage**.

- **Spigots**

LongNeck Bellmouth Spigots are used to accommodate a circular duct take-off from rectangular ductwork. Bellmouth Spigots are an essential component when constructing aerodynamically superior duct. Ductware's LongNeck Bellmouth Spigots are manufactured from a single-piece with **no seams**. They also offer the benefit of having pre-installed sticky backed gasket, eliminating the need for sealants. These features thereby contribute to **reduced potential for leakage**.



DUCTWARE® HAS ARRIVED IN DARWIN!

In order to provide faster delivery to our loyal NT customers Ductware is excited to remind all that we now hold a wide range of ducting hardware & accessories in Darwin.

For more information or to place an order please contact **Stuart McDonald** on **0408 774 663** or email ntsales@ductware.com.au or smcdonald@ductware.com.au

Products now in stock include:

- Cable Suspension Systems
- Caddy™ Rod Lock Threaded Rod Mounting System
- Caddy™ Pyramid Rooftop Systems
- TDC/TDF Corners
- Ductmate Flange & Accessories
- Gripnail PowerPoint Weld Pins
- PRORAIL™ Self Locking Turning Vane
- Flexible Duct Connector
- Greenseam+™ Snap Lock Duct
- Duct Sealants/Duct Tape/Gasket Tape
- Proguard Adhesive Duct Wrap
- Access Panels
- Longneck™ Bellmouth Spigots
- Isolation Hangers
- Blendair Smoke/Fire/Volume Dampers



DUCTWARE TOPIC CORNER

E-Mail Address Details when placing an Order with Ductware®

Please send all orders to the below applicable email address to ensure prompt processing.

- vicsales@ductware.com.au
- sasales@ductware.com.au
- wasales@ductware.com.au
- tassales@ductware.com.au
- ntsales@ductware.com.au
- qldsales@ductware.com.au
- nswsales@ductware.com.au
- nzsales@ductware.co.nz

HOT OFFERS

Sandwich Access Panel, Suits 300-350MM Round Duct
Order Code DW-DRI-12814 **\$24.00**



Access Panel L Size, 50mm DEEP
Order Code DW-AP-L50 **\$37.00**



Proflex, 75mm Double Fold Silicone 30.5M
Order Code DW-PFC3SGA **\$230.00**



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