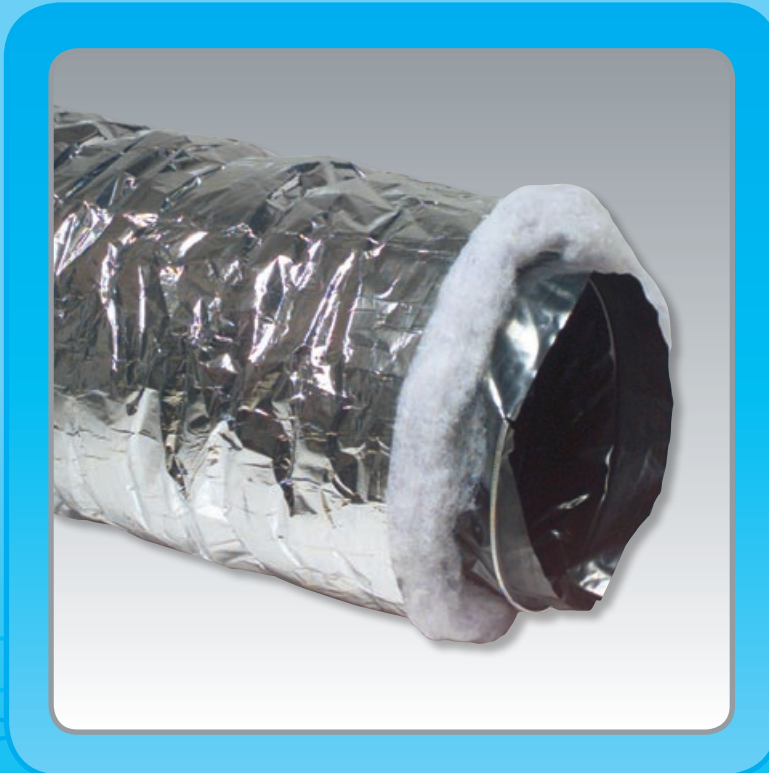
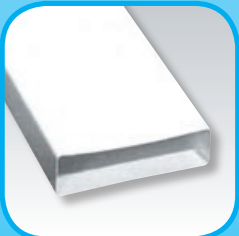


DUCTING



AWARD WINNING DUCTING FOR
THE HVAC INDUSTRY

UNILOK-S FLEXIBLE DUCT

AUSTRALIAN STANDARD (AS) 4254
(INSULATED VERSION ONLY)
FIRE RATED FLEXIBLE DUCT
SUITABLE FOR ALL TYPES OF HVAC SYSTEMS

UNILOK-S is the professionals choice in flexible duct and has been produced to meet the demands of today's HVAC systems. Unlike other types of flexible duct, **UNILOK-S** has an outer steel rib that ensures the products integrity and correct diameter, even in the tightest bends. Due to its steel rib, it is not prone to glue failure or fatigue (sagging or ovalization) from vibration with age like plastic ribbed or non ribbed glued duct. **UNILOK-S** is available manufactured with an acoustic inner core that complies to AS 4254 in its insulated form at no extra cost to you. Operating temperature range -10°C to +80°C.

■ CONSTRUCTION

INNER CORE

UNILOK-S plain nude is manufactured from a thick, fire rated, UV Stabalised, low density polyethylene that is locked together in a steel rib that encapsulates a copper coated spring steel wire.

INSULATION

UNILOK-S is thermally insulated with polyester fibre blanket to achieve a nominal thermal rating of either R^T0.6, R^T1.0 or R^T1.5.

OUTER JACKET

The outer jacket on **UNILOK-S** is manufactured from one layer of clear PET bonded to one layer of metallised PET with fire retarded glue, encapsulating woven polyester cotton reinforcing, spun over the lap joins for extra strength.

*Note: (P) = Plain, (A) = Acoustic



UNILOK-FR1

AUSTRALIAN STANDARD (AS) 4254
(INSULATED VERSION ONLY)
FIRE RATED FLEXIBLE DUCT
SUITABLE FOR ALL TYPES OF HVAC SYSTEMS

UNILOK-FR1 is a flexible duct manufactured “tough” for consumer & installer peace of mind. Unlike other types of flexible duct, **UNILOK-FR1** has an outer steel rib that ensures the products integrity and correct diameter, even in the tightest bends. Due to its steel rib, it is not prone to glue failure or fatigue (sagging or ovalization) from vibration with age like plastic ribbed or non ribbed glued duct. **UNILOK-FR1** is available manufactured with an acoustic inner core that complies to AS 4254 in its insulated form at no extra cost. Operating temperature range -10°C to +80°C.

■ CONSTRUCTION

INNER CORE

UNILOK-FR1 plain nude is manufactured from a thick, fire rated, UV Stabalised, low density polyethylene that is locked together in a steel rib that encapsulates a copper coated spring steel wire.

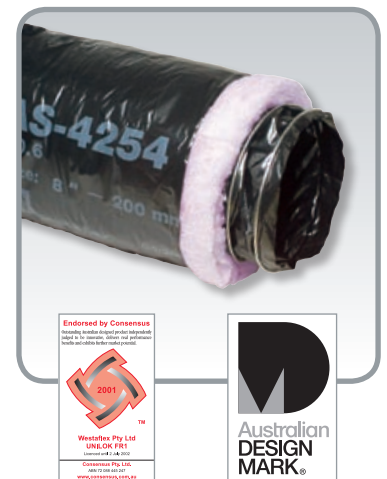
INSULATION

UNILOK-FR1 is thermally insulated with polyester fibre to achieve a nominal thermal rating of either R^T0.6, R^T1.0 or R^T1.5.

OUTER JACKET

The outer jacket on **UNILOK-FR1** is manufactured from a thick, fire rated, UV stabilised, low density polyethylene that has its specifications printed on it for easy recognition.

*Note: (A) = Acoustic



QS-FLEX FLEXIBLE DUCT

AUSTRALIAN STANDARD (AS) 4254
FIRE RATED FLEXIBLE DUCT

QS-FLEX IS FOR USE WITH DUCTED EVAPORATIVE SYSTEMS ONLY.

QS-Flex was designed to provide the lowest possible noise factor in ducted evaporative cooling systems. The **QS-Flex** inner liner absorbs noise and vibration to give ultra quiet air flow into each room. The tough, tear and puncture resistant outer jacket forms a vapour barrier. Constructed of reinforced silver-metallised polyester, the outer jacket is not only fire resistant but is not subject to UV degradation.

SUPERIOR CHOICE FOR DUCTED EVAPORATIVE COOLING

- Has an Australian Design Award.
- Has a 10 Year Warranty.
- Meets Australian Insulation Standard AS 4859.1.
- Meets Australian Fire Standard AS 4254.

CONSTRUCTION

INNER CORE

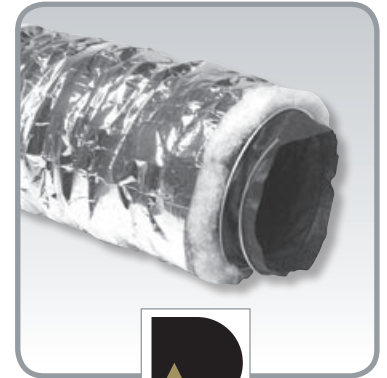
QS-FLEX plain nude is manufactured from a thick, tough, fire resistant permeable spun bonded non woven polypropylene that is locked together with a steel rib that encapsulates a copper coated spring steel wire.

INSULATION

QS-FLEX is thermally insulated with polyester fibre blanket to achieve a nominal thermal rating of either R⁷0.6, R¹1.0.

OUTER JACKET

The outer jacket on **QS-FLEX** is manufactured from one layer of clear PET bonded to one layer of metallised PET with fire retarded glue, encapsulating woven polyester cotton reinforcing, spun over the lap joins for extra strength.



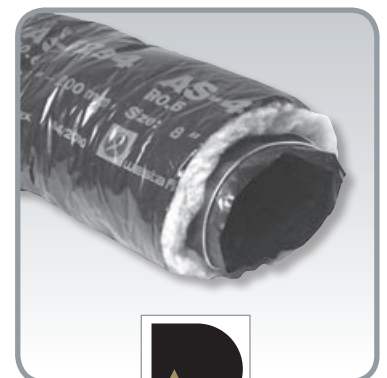
QS-FLEX is for use with ducted Evaporative systems only. **NOT for use on Heating Systems or Reverse Cycle Air-Conditioning Systems.**

QUADROFLEX - OVALIZED FLEXIBLE DUCT

AUSTRALIAN STANDARD (AS) 4254
FIRE RATED FLEXIBLE DUCT

OVAL UNILOK-FR1 & OVAL UNILOK-S SUITABLE FOR ALL HVAC SYSTEMS
OVAL QS-FLEX SUITABLE FOR DUCTED EVAPORATIVE SYSTEMS ONLY

QUADROFLEX has been specifically designed to fit into false ceilings, between floors and low ground clearance applications. Operating temperature of -10°C to +80°C. (UNILOK-S & UNILOK-FR1 only).



EQUIVALENT ROUND DUCT SIZE	WIDTH	HEIGHT	
200	260	140	<p>N.B. Add approximately 60-120mm to these sizes to allow for insulation.</p>
250	325	160	
300	380	200	
350	435	240	
400	470	310	
450	555	320	

V-FLEX FLEXIBLE DUCT

AUSTRALIAN STANDARD (AS) 4254
4-ZERO FIRE RATED FLEXIBLE DUCT
SUITABLE FOR ALL HVAC SYSTEMS

V-FLEX flexible duct has been developed to meet the demands of today's HVAC systems. **V-FLEX** has been used in numerous major developments around Australia such as, Star City Casino and the Sydney 2000 Olympic Site including Telstra Stadium, Eureka Tower in Melbourne and Football Park in Adelaide to name a few. Consultants and engineers specify **V-FLEX** because it is manufactured from materials that will stand up to the test of time, is 4-Zero fire rated to Australian Standard (AS) 1530 part 3 and has a temperature range of -10c to +80c



■ CONSTRUCTION

INNER CORE (Plain Nude)

V-FLEX plain nude is manufactured from two layers of high grade metallised polyester bonded together with fire rated glue encapsulating copper coated spring steel wire and poly cotton spun over material lap joins for extra strength.

INSULATION

V-FLEX is thermally insulated with polyester fibre blanket to achieve a nominal thermal rating of either R^T0.6 or R^T1.0.

OUTER JACKET

The outer jacket on **V-FLEX** is manufactured from a tear and puncture resistant foil PET composite material that is bonded together with fire resistant glue, encapsulating poly cotton spun over material lap joins for extra strength.

TRADEFLEX FLEXIBLE DUCT

AUSTRALIAN STANDARD (AS) 4254
(INSULATED VERSION ONLY)
FIRE RATED FLEXIBLE DUCT
SUITABLE FOR DOMESTIC HVAC SYSTEMS.

TRADEFLEX has been designed for the installer that has an application for/needs less rigid flexible duct. Compliant to all requirements of Australian Standard (AS) 4254 and the Building Code of Australia. Available Insulated to R^T0.6 and R^T1.0. Operating temperature range -10°C to +80°C.



■ CONSTRUCTION

*INNER CORE (Plain Nude)

TRADEFLEX plain nude is manufactured from two layers of high grade clear polyester bonded together with fire rated glue encapsulating copper coated spring steel wire and poly cotton reinforcing.

INSULATION

TRADEFLEX is thermally insulated with a polyester fibre blanket to achieve a nominal thermal rating of either R^T0.6, R^T1.0

OUTER JACKET

The outer jacket on **TRADEFLEX** is manufactured from one layer of clear and one layer of metallised PET material that is bonded together with fire resistant glue, encapsulating poly cotton spun over the material lap joins, for extra strength.

POLY LOW PROFILE DUCT

MODULAR FLAT CHANNEL VENTILATION SYSTEM

The range of Low Profile Modular Ducting Systems offered by Westaflex / Uniflex offer a problem solving solution where round ducting has installation difficulties. Its low profile enables it to be concealed when installed along the top of wall units or within wall cavities. It can also be fitted in ceiling voids providing versatility whilst remaining unobtrusive. Manufactured from flame retarded ABS plastics it enables installation into all classes of buildings.



DESCRIPTION

1. Flat Channel
204 x 60 x 1500mm
2. Flat Channel Connector
3. Elbow Bend 100mm
4. Elbow Bend 125mm
5. Elbow Bend 150mm
6. Horizontal 90° Bend
7. Vertical 90° Bend
8. Adaptor
(airbrick to 125mm)
9. Flat Channel Clip
10. Rectangular Wall Plate
11. Hosecon Thread
12. Vertical Airbrick Insert
13. Horizontal Airbrick Insert
14. Mounting Clip **
15. Double Airbrick
16. Dbl Airbrick Adaptor
17. Flat Channel Reducer
(220 x 90 : 204 x 60)

P.V.C FLEXIBLE DUCT

AUSTRALIAN STANDARD (AS) 1530 PART 3 FIRE RESISTANT DUCT

P.V.C Flexible Duct is a product that is extremely versatile in the ventilation industry. It doesn't rot, is non collapsing, is fire resistant, has an operating temperature of +6 deg to +50 deg and is available in the following sizes of 100mm, 125mm and 150mm.



SEMIDUCT

HIGH HEAT SEMI RIGID DUCT

SEMIDUCT, or also known as semi-rigid aluminium ducting is a lightweight, flexible but strong corrugated aluminium duct. It is spiral wound with a unique interlocked and knotted continuous seam. It is self supporting over its 3.0 meter length and mostly needs only the fittings or mechanics at each end for support. SEMIDUCT has an operating temperature of -30 deg to +250 deg and is available in the following sizes 100mm, 125mm, 150mm and 200mm.



■ CONSTRUCTION

SEMIDUCT is manufactured from semi rigid aluminium.

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