

ABOUT AIRTIGHT

THE LEADING SUPPLIER OF QUALITY INDUSTRIAL HOSES FOR ALL INDUSTRIES

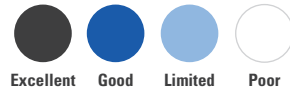
Our proven products are preferred by Australia's leading OEM's & manufacturers and is extensively stocked in Australia and NZ.

Airtight' difference is in our unrivalled product quality and specialised application expertise at competitive prices. Typically available sizes: 40-500mm.

CALL US FOR A FREE CONSULTATION OR QUOTE

APPLICATION GUIDE

CLASSIFICATION



	PVC FLEX	POUVANTI-STATIC LIGHT	POUVANTI-STATIC MEDIUM	TIMBERFLEX LIGHT	TIMBERFLEX MEDIUM	CNC FLEX	ABRASIVERFLEX MEDIUM	ABRASIVERFLEX HEAVY	ABRASIVERFLEX X HEAVY	FOODGRADEFLEX	FUMEHEMFLEX (TPPO)	EXHAUSTFLEX	WELDING FLEX	WELDING FLEX HIGH	HIGHTEMP FLEX SIL	HIGHTEMP200	HIGHTEMP300	METAL HOSE 375
ABRASIVE RESISTANCE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ANTI-STATIC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
FLEXIBILITY	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
COMPRESSIBILITY	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
KINK PROOF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HIGH TENSILE STRENGTH & TEAR RESISTANCE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CHEMICAL RESISTANCE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
GAS & LIQUID TIGHT	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
UV & OZONE RESISTANCE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OIL & PETROL FUMES RESISTANCE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HIGH TEMP DUST/FUMES/GASES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CRUSH RECOVERABLE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
FOOD & PHARMACEUTICAL	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
LIGHT DUST	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HEAVY DUST/WOOD/SHAVINGS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PAPER/GLASS & METAL SHAVINGS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
VENTILATION	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
FLAME RETARDANT	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PLASTIC GRANULES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
GRAIN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
WELDING FUMES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SMOOTH INTERIOR	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



HOSE CLAMP & OFFSET CLAMP



QUICK RELEASE HOSE CLAMP

SUITABLE FOR ALL FLEXIBLE DUCTING

FEATURES

- Practically leak-proof
- Easily and quickly fitted
- Re-usable (threaded)
- Bridge: stainless steel

OTHER AIRTIGHT PRODUCTS

MODULAR DUST COLLECTORS



FANS, SHREDDERS & BRIQUETTING PRESSES



QUICK FIT MODULAR DUCTING



FEATURES

- **STRONGEST** modular ducting in the world
- **FASTEST** ducting to install – **SAVE 40%** on installation time/cost
- **PROVEN** product world wide – **LOCALLY** stocked
- **PREMIUM** No leakage seals

INDUSTRIES WE SERVICE

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Airtight SOLUTIONS

Filter & Fans
Modular Duct
Flexible Hose

NEW ZEALAND 0800 247 844
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AIRTIGHT SOLUTIONS INDUSTRIAL FLEX OVERVIEW



INDUSTRIAL FLEX & CLAMPS

VARIETY OF APPLICATIONS

Airtight SOLUTIONS

Filter & Fans
Modular Duct
Flexible Hose



POLYANTI-STATICFLEX LIGHT

APPLICATIONS

- For abrasive solids such as dust, powder, fibres and chips
- For gaseous media such as oil vapours and welding smoke
- For de-dusting and suction plants

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- Highly flexible and compressible 3:1
- Abrasion-proof
- High tensile strength and tear resistant
- Good resistance to oil, gasoline and chemicals
- Good resistance to UV and ozone
- Ester-polyurethane, antistatic
- Wall thickness 0.4 mm approx



TIMBERFLEX LIGHT

APPLICATIONS

- For the suction of wood dust and wood chips on wood processing machines
- For abrasive solids such as dust, powder, fibres and chips
- For de-dusting and suction plants

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- Highly flexible and compressible 3:1
- Abrasion-proof
- High tensile strength and tear resistant
- Good resistance to oil, gasoline and chemicals
- Good resistance to UV and ozone
- Polyurethane, permanently antistatic
- Wall thickness 0.4 mm approx



TIMBERFLEX MEDIUM

APPLICATIONS

- For the suction of wood dust and wood chips on wood processing machines
- For abrasive solids such as dust, powder, fibres and chips
- For de-dusting and suction plants

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- High tensile strength and tear resistant
- Microbe resistant
- Good resistance to oil, gasoline and chemicals
- Good resistance to UV and ozone
- Polyurethane, permanently antistatic
- Wall thickness 0.6 mm approx



CNCFLEX

APPLICATIONS

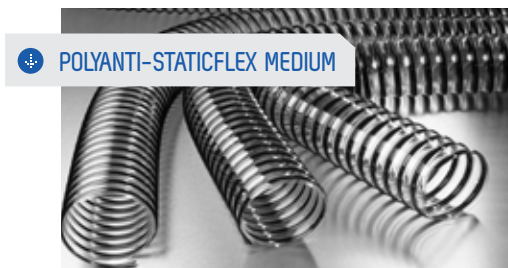
- Specially designed for CNC machines
- For abrasive solids such as dust, powder, fibres and chips
- For de-dusting and suction plants

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- Light weight and highly flexible
- Highly durable for CNC machines
- Microbe resistant
- Good resistance to UV and ozone
- Kink-proof
- Halogen-free
- Polyurethane
- Wall thickness 0.7 mm approx



POLYANTI-STATICFLEX MEDIUM

APPLICATIONS

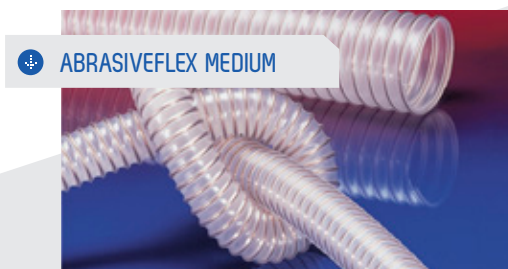
- For light abrasive solids such as dust, powder, fibres and chips
- For gaseous media such as oil vapours and welding smoke

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- Abrasion-proof
- Light
- Very good flexibility at low temperatures
- Good resistance to oil and fuel vapours
- Good resistance to oil, fuel vapours
- Gas and liquid tight
- Polyurethane
- Wall thickness 0.6 mm approx



ABRASIVEFLEX MEDIUM

APPLICATIONS

- For abrasive solids such as dust, powder, fibres and chips
- For gaseous media such as oil vapours and welding smoke
- For de-dusting and suction plants

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- High tensile strength and tear resistant
- Food grade wall, complies with: FDA 21 CFR177.2600 and 178.2010
- Microbe and hydrolysis resistant
- Good resistance to oil, gasoline and chemicals
- Kink-proof
- Permanently antistatic, ether-polyurethane
- Wall thickness 0.7 mm approx



ABRASIVEFLEX HEAVY

APPLICATIONS

- For abrasive solids such as dust, powder, fibres, chips and granulates
- For gaseous and liquid media
- For de-dusting and suction plants, industrial vacuum cleaners

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- Microbe and hydrolysis resistant
- Good resistance to oil, gasoline and chemicals
- Good resistance to UV and ozone
- Very good low temperature flexibility
- Flame-retardant according to: UL94-HB
- High tensile strength and tear resistant
- Ether-polyurethane
- Wall thickness 1.0 mm approx



ABRASIVEFLEX X HEAVY

APPLICATIONS

- For high flow-rates of abrasive solids such as: powder, chips and granulates
- For gaseous and liquid media
- For industrial vacuum cleaners, granulate conveying systems and printing machines

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- Flexible with low weight
- Increased pressure and vacuum resistance
- High tensile strength and tear resistant
- Good resistance to oil, gasoline and chemicals
- Flame-retardant according to: UL94-V2
- Permanently antistatic, ether-polyurethane
- Wall thickness 1.5 mm approx



FOODGRADE FLEX

APPLICATIONS

- For the food and pharmaceutical industry
- For abrasive solids such as dust, powder, fibres and chips
- For gaseous and liquid media
- For vacuum cleaners, conveying systems, blowers and compressors

TEMPERATURE RANGE

- -40°C to 90°C
- Short time to 125°C

FEATURES

- Odourless and tasteless
- Microbe and hydrolysis resistant
- Good resistance to oil, gasoline and chemicals
- Good resistance to UV and ozone
- Flame-retardant according to: UL94-HB
- Ether-polyurethane, stainless steel helix
- Wall thickness 1.0 mm approx



PVCFLEX MEDIUM

APPLICATIONS

- For powdery solids such as dust, powder and fibres
- For gaseous media such as vapours and smoke
- For air conditioning and ventilation technology

TEMPERATURE RANGE

- -20°C to 70°C
- Short time to 80°C

FEATURES

- Highly flexible and compressible 3:1
- Optimized flow properties
- Good resistance to alkalis and acids
- Good resistance to chemicals
- Free of phthalate
- Gas and liquid tight
- High grade soft PVC
- Wall thickness 0.6 mm approx



WELDINGFLEX

APPLICATIONS

- For welding gas extraction
- For suction arms
- For air conditioning and ventilation technology

TEMPERATURE RANGE

- -10°C to 80°C
- Short time to 110°C

FEATURES

- Highly flexible and compressible 6:1
- Fabric reinforced
- Good resistance to alkalis and acids
- Good resistance to chemicals
- Good resistance to UV and ozone
- Flame-retardant according to: NF P 92-503 M2
- PVC coated fabric
- Wall thickness 0.25 mm approx



FUMEHEMFLEX (TPR)

APPLICATIONS

- For powdery solids such as dust, powder and fibres
- For gaseous media such as vapours and smoke
- For steam extraction
- As conductor of hot and cold air
- For blowers and compressors

TEMPERATURE RANGE

- -40°C to 125°C
- Short time to 150°C

FEATURES

- Highly flexible and compressible
- Good resistance to oil, gasoline and chemicals
- Good resistance to alkalis and acids
- Free of softener and halogen
- Gas and liquid tight
- Light weight
- Thermoplastic rubber
- Wall thickness 0.4 mm approx



EXHAUSTFLEX

APPLICATIONS

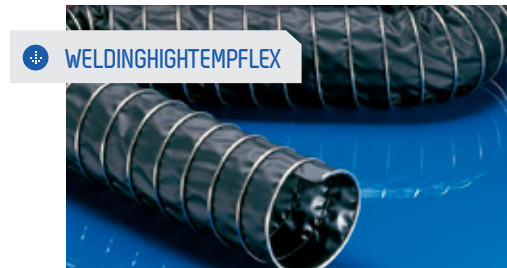
- For suction of engine exhaust gas
- For hose reel
- For slotted floor channels
- For above and below floor suction extraction

TEMPERATURE RANGE

- Exhaust gas temperatures to 200°C*
- *when correctly applied with exhaust gas funnels and sufficient fresh air supply (50% approx.)

FEATURES

- Vibration resistant
- Crush-proof
- Highly flexible and compressible
- Protected, flow-optimizing exterior folds
- Fabric reinforced
- Good resistance to chemicals
- Light weight
- Special plastic-profile supporting spiral EPDM/ PP coated
- Wall thickness 0.4 mm approx



WELDINGHIGHTEMPFLEX

APPLICATIONS

- For welding gas extraction
- For suction arms
- For air conditioning and ventilation technology

TEMPERATURE RANGE

- -70°C to 260°C
- Short time to 280°C

FEATURES

- Extremely heat resistant
- Highly flexible and compressible
- Fabric reinforced
- Abrasion protection via external clamp
- Firm clamping of the wall in clamp
- Galvanised steel clamp
- Special-coated high temperature fabric



HIGHTEMP200FLEX

APPLICATIONS

- For suction of engine exhaust gas
- For hose reel
- For slotted floor channels
- For above and below floor suction extraction

TEMPERATURE RANGE

- Exhaust gas temperatures to 200°C*
- *when correctly applied with exhaust gas funnels and sufficient fresh air supply (50% approx.)

FEATURES

- Vibration resistant
- Outer protection profile made of elasticised material
- Very good heat resistance
- Highly flexible and compressible
- Increased vacuum resistance
- Abrasion protection via external clamp
- Firm clamping of the wall in clamp
- Galvanised steel clamp
- CSM coated polyester fabric



HIGHTEMP300FLEX

APPLICATIONS

- For suction of engine exhaust gas
- For hose reel
- For slotted floor channels
- For above and below floor suction extraction

TEMPERATURE RANGE

- Exhaust gas temperatures to 300°C*
- *when correctly applied with exhaust gas funnels and sufficient fresh air supply (50% approx.)

FEATURES

- Vibration resistant
- Outer protection profile made of elasticised material
- Very good heat resistance
- Highly flexible and compressible
- Increased vacuum resistance
- Abrasion protection via external clamp
- Firm clamping of the wall in clamp
- Galvanised steel clamp
- Special-coated high temperature fabric



HIGHTEMPFLEX

APPLICATIONS

- For applications, where flame-retardant hoses are demanded
- For solids such as dust, powder and fibres
- For gaseous media such as vapours and smoke
- For de-dusting and suction plants, flue gas extraction, blast furnace exhaust and welding gas exhaust

TEMPERATURE RANGE

- -70°C to 260°C
- Short time to 280°C

FEATURES

- Very good heat resistance
- Highly flexible and compressible 4:1
- Abrasion protection via external clamp
- Firm clamping of the wall in clamp
- Kink-proof
- Light weight
- Flame-retardant according to: DIN 4102-B1
- All-stainless steel (INOX)
- Silicon coated glass fabric



METAL HOSE 375

APPLICATIONS

- For abrasive solids such as dust, powder, fibres and chips
- For gaseous media such as oil vapours and welding smoke
- For de-dusting and suction plants

TEMPERATURE RANGE

- 120°C

FEATURES

- Abrasion-proof
- Flexible
- Very robust
- Profiled metal strip, galvanised steel
- Hooked profile
- Seal: special fibre