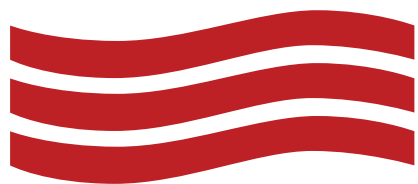


AIRFOIL



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**FLEXIBLE DUCT 4-ZERO
R2.0 PYRO FLEX
PYF**



FLEXIBLE DUCT 4-ZERO 2.0 PYRO FLEX PYF

PRODUCT DESCRIPTION AND APPLICATION

Airfoil's Australian Made 4-Zero R2.0 Flexible Duct has been tested and meets all requirements of Australian Standards AS 4254.1 2012 and Building Codes of Australia Domestic and Commercial Air Handling Systems.

The Aluminium 4-Zero Inner Core with Metalised Outer surface has a multi-layered construction containing high-level grade Flame Retardant Water based adhesive with high tensile wire helix encapsulated.

The Metalised Outer Layer has a multi-layered construction containing high quality grade flame retardant adhesive. The Polyester Insulation Blanket achieves a thermal rating of R2.0 with a thickness of 90mm.

The operating pressure range is 1000 Pa positive to 200 Pa negative and the operating temperature range is -10C to +80C.

Available sizes are 4", 5", 6", 8", 10", 12", 14", 16", 18", 20" in standard or acoustic and in 3 or 6 metre lengths.

FLEXIBLE DUCT 4-ZERO 2.0 PYRO FLEX PYF

PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – PYF**
- Australian Made
- Aluminium Construction
- 4-Zero R2.0 Flexible Duct core
- Meets Australian Standards AS 4254.1 2012 and Building Codes of Australia Domestic and Commercial Air Handling Systems
- 4-Zero Aluminium inner core
- Metalised outer surface
- Multi-layered construction
- High-level grade flame retardant water based adhesive
- High tensile wire helix encapsulated
- Polyester Insulation Blanket R2.0 Thermal Rating (90mm thick)
- Operating pressure range (Pa): 1000 Pa positive to 200 Pa negative
- Operating temperature range: -10°C to +80°C
- Available sizes: 4", 5", 6", 8", 10", 12", 14", 16", 18", 20"
- Standard or Acoustic options
- Available in 3m or 6m lengths
- Airfoil Compliance Certificate available



FLEXIBLE DUCT 4-ZERO 2.0 PYRO FLEX PYF

ORDERING CODES

| PRODUCT SPECIFICATION CODES | | | |
|-----------------------------|----------------------------------------|----------------------|----------------------------------------|
| PYF 4R2.0 6M | 4 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 4R2.0 3M | 4 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 5R2.0 6M | 5 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 5R2.0 3M | 5 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 6R2.0 6M | 6 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 6R2.0 3M | 6 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 8R2.0 6M | 8 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 8R2.0 3M | 8 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 10R2.0 6M | 10 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 10R2.0 3M | 10 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 12R2.0 6M | 12 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 12R2.0 3M | 12 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 14R2.0 6M | 14 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 14R2.0 3M | 14 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 16R2.0 6M | 16 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 16R2.0 3M | 16 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 18R2.0 6M | 18 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 18R2.0 3M | 18 inch 4-ZERO R2.0 Pyro Flex 3 metres |
| PYF 20R2.0 6M | 20 inch 4-ZERO R2.0 Pyro Flex 6 metres | PYF 20R2.0 3M | 20 inch 4-ZERO R2.0 Pyro Flex 3 metres |



Compliance Certificate



4 ZERO R2.0 Insulated Flexible Duct

Airfoil flexible duct has been tested and meets all requirements of Australian Standards 4254 and Building Codes of Australia for Domestic and Commercial Air Handling Systems.

| | |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT | RM2.0 Metalised Sleeve, Polyester Flexible Duct (4-Zero). |
| CONSTRUCTION | Aluminum 4-Zero Inner Core with Metalised Outer surface multi-layered construction containing high level grade Flame Retardant Water based adhesive with high tensile wire helix encapsulated. |
| METALISED OUTER SLEEVE | Multi-layered construction (Metalised Outer Layer) containing high quality grade flame retardant adhesive. |
| INSULATION TYPE | Polyester Insulation Blanket to achieve thermal rating of RM2.0 (Insulation Thickness 90mm) |
| LENGTH | 6 Metre / 3 Metre lengths (made to order) |
| DIAMETERS | 4", 5", 6", 8" 10", 12", 14", 16", 18", 20" INCH. |
| OPTIONS | Standard Plain or Acoustic. |
| OPERATING PRESSURE RANGE | 1000 Pa positive, 200 Pa negative |
| OPERATING TEMPERATURE RANGE | -10C TO +80C |

| TEST STANDARD | DESCRIPTION | RESULT |
|----------------------|-----------------------|--------|
| AS/NZS 1530.3 - 1989 | Ignitability Index0 | 0 |
| AS/NZS 1530.3 - 1989 | Spread of Flame Index | 0 |
| AS/NZS 1530.3 - 1989 | Heat Evolved Index | 0 |
| AS/NZS 1530.3 - 1989 | Smoke Developed Index | 0-1 |
| UL181 | Burning | Pass |
| UL181 | Mould | Pass |
| UL181 | Temperature | Pass |
| UL181 | Puncture | Pass |
| UL181 | Static Load | Pass |
| UL181 | Impact | Pass |
| UL181 | Pressure | Pass |
| UL181 | Collapse | Pass |
| UL181 | Tension | Pass |

The R rating of RM2.0 is measured ex manufacture. Prolonged compression, packaging or stretching of the product will be detrimental to the final R rating of any duct produced.