

# PETE-FLEX FLEXIBLE DUCT



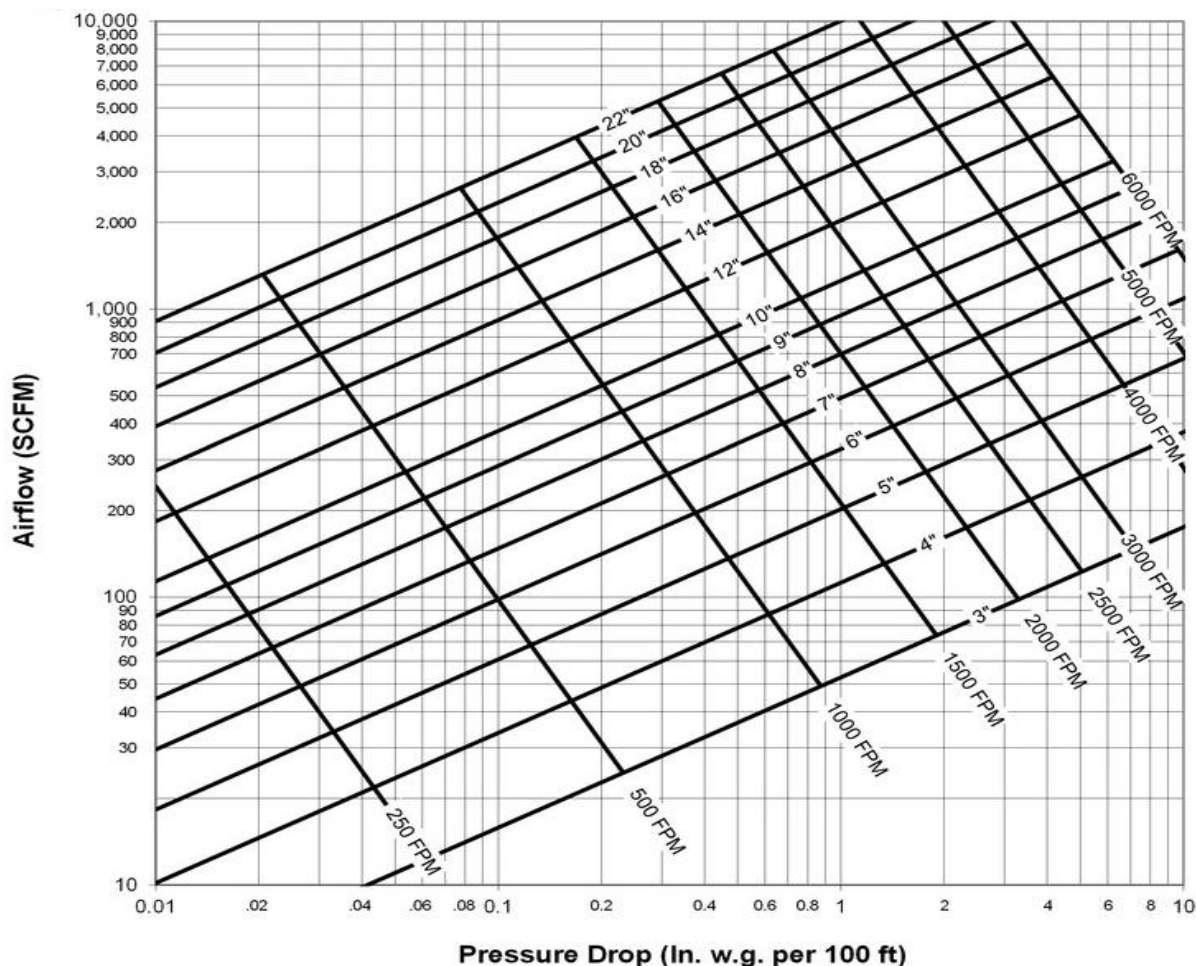
## PRODUCT DESCRIPTION

PETE-FLEX Flexible duct is made from aluminium polyester foil encapsulated with spirally wound steel wire. PETE-FLEX Flexible duct is strong and versatile. It is manufactured with two concentric helical ducts and insulated with glasswool Insulation and suitable for air-conditioning and ventilation usages. PETE-FLEX Flexible duct is recommended for both commercial and residential projects.

## TECHNICAL SPECIFICATIONS

Diameter (Nominal)	75mm to 500mm
Standard Length	10 metre for 25mm Thick Insulation 5 metre for 50mm Thick Insulation
Service Temperature	0° C to 120° C
Steel Wire (Diameter)	1.0mm to 1.4mm
Laminated Aluminium Foil	32 to 42 micron
Pressure Ratings	250 WG Positive 25 WG Negative
Velocity	28mm - 1 (5500Fpm)
Steel Wire Pitch	30mm
Glasswool Insulation	Density: 16kg/m <sup>3</sup> ; 32kg/m <sup>3</sup> ; 48kg/m <sup>3</sup> Thickness: 25mm and 50mm
Fire Rating with COC	Class 0; Bristish Standard 476 Part 6 and Part 7

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## SIZES AND LENGTHS

Nominal Diameters	PLAIN DUCT	32KG/M3 25mm Thick	32KG/M3 50mm Thick	16KG/M3 25mm Thick
Thermal Resistance		0.75m2/Kw	1.50m2/Kw	0.675m2/Kw
75mm to 450mm	YES			
75mm to 450mm		10 METRES		10 METRES
100mm to 450mm			5 METRES	



## INDUSTRIAL LINKS INTERNATIONAL PTE LTD

22 Woodlands Walk Singapore 738390

[WWW.INDUSTRIALLINKS.COM.SG](http://WWW.INDUSTRIALLINKS.COM.SG)

Email: [alainong@singnet.com.sg](mailto:alainong@singnet.com.sg)

CO REG NO: 201310098N

Tel: 65-68616968

Fax: 65-68611681

The information in this datasheet is accurate at the time of input. Please note that product specifications are subject to change without prior notice.

