

1.065 ISODEC[®] CLASSIC Thermal insulated ducting

Fully flexible, economic, pre-insulated ducting with an inner core constructed from multiple layers of aluminum and polyester laminated to encapsulate a high carbon, spring steel wire helix. The inner core is wrapped with a thick blanket of insulation and covered with an outer vapor barrier constructed from multiple layers of aluminized polyester and polyester.

ISODEC CLASSIC installs easily on circular or oval fittings.

ISODEC CLASSIC insulated flexible ducting is used in ventilation, air conditioning, and air handling systems where a low-cost, non-rated flexible duct is suitable.

Specifications

Insulation 25mm thick: $R = 0.69 [m^2 \cdot K/W]$
 Minimum Temperature Exposure Limit $-30^{\circ} C$
 Maximum Temperature Exposure Limit $+140^{\circ} C$
 Operating Pressure - from -188 to $+1500 Pa$
 Operating Velocity - 20 m/s maximum
 Centerline Bend Radius - 1 x Dia. minimum
 Standard Diameter Range - 82mm to 560mm
 Standard Length - 10 meter

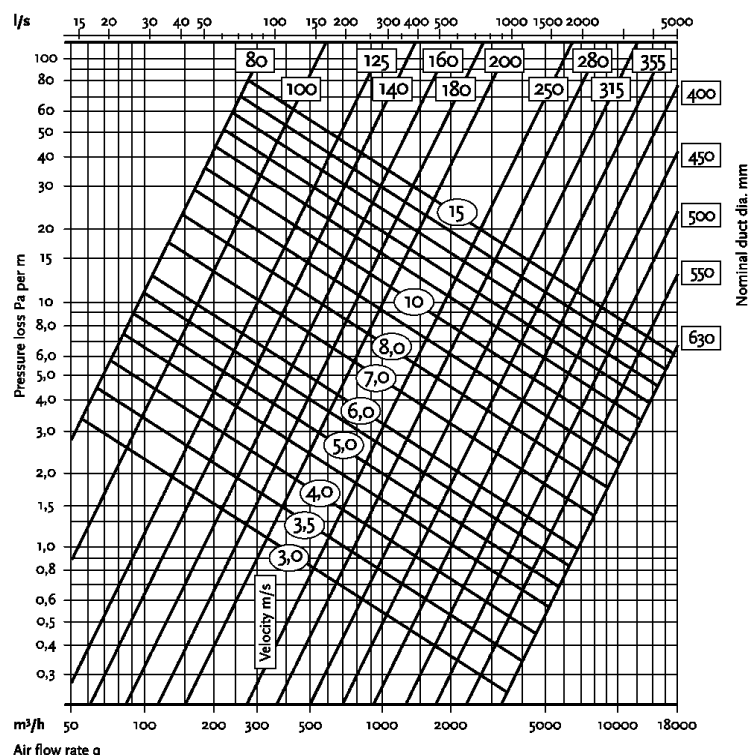
Classifications

French - M1
 EU - EN 13180

Packaging

Each 10 meter length flexible duct is individually compressed in cartons of 1.0 mtr.

Pressure loss (Straight duct)



Features & Benefits

- Fully Flexible Ducting
 - Quick Installation
 - Reduced labor cost
- Air Tight Construction
 - Energy efficient
 - Low air leakage
- Smooth Interior
 - Low friction loss
 - Low operating cost
- Multi-Layer Construction
 - Tear & Puncture Resistant
 - Low maintenance
- Light Compact Packaging
 - Reduced warehouse and handling cost

Use Limitations

ISODEC CLASSIC is not suitable for transporting air with high concentration of acids and base and the duct should not be used to discharge combustion gases from open fire places or oil-fired boilers.