



REGA#1000 Product Specifications

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.

REGA#1000 installs easily on circular or oval fittings.

REGA#1000 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: $k = 0.042$ [W/ (m K)], $R = 0.614$ [$m^2 \cdot K/W$]

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 1.2 mtr.



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

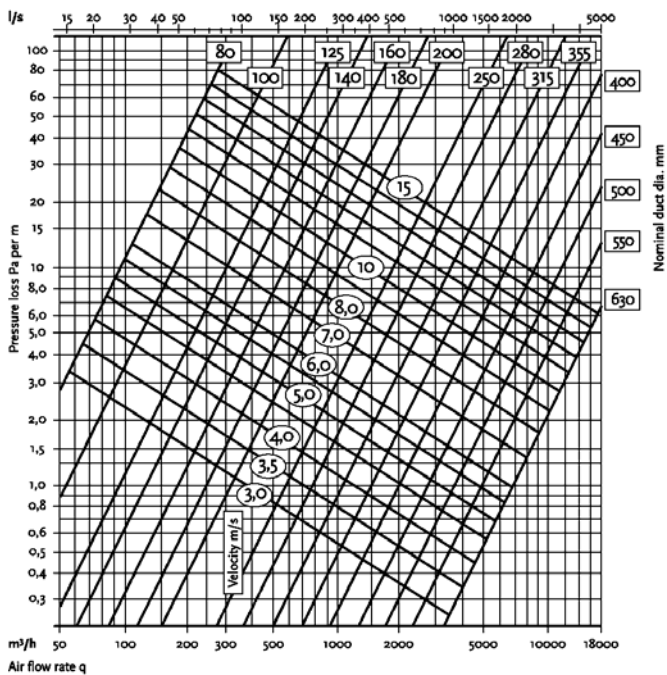
Light Compact Packaging

- Reduced warehouse and handling cost

Use Limitations

REGA#1000 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.

Pressure loss (Straight duct)



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