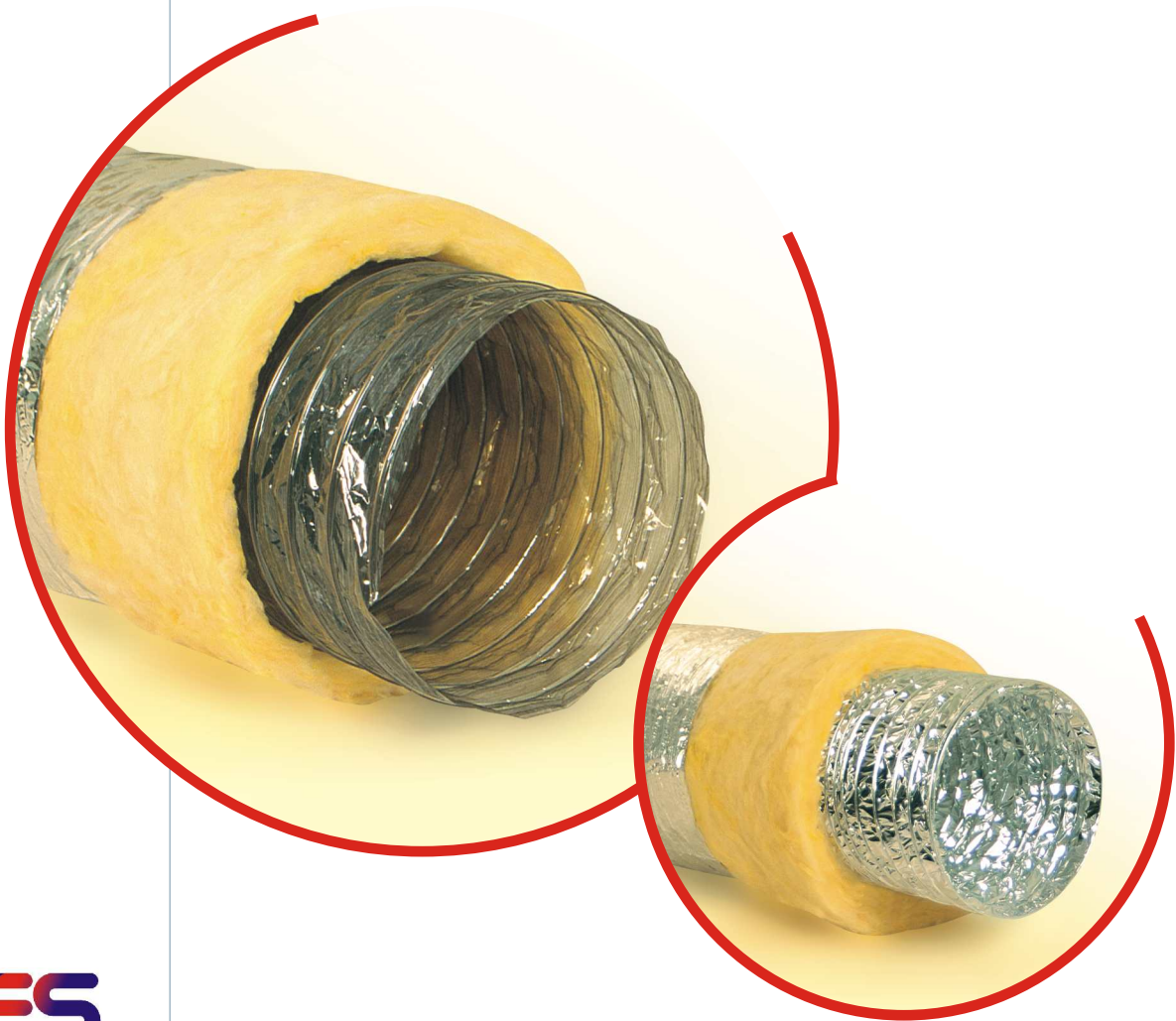


ISOAFS-POLY

THERMALLY INSULATED POLYESTER FLEXIBLE AIR DUCTS



ISOAFS-POLY **thermally insulated polyester flexible ducts** are specifically produced for low and medium pressure heating, cooling, ventilation, exhaust and air conditioning systems. ISOAFS-POLY are produced from multi-layer polyester or metallized polyester, strengthened with high tension steel spring wire, surrounded with glass wool insulation (25/50 mm thickness and 16 kg/m³ density) and metallized polyester vapour barrier.

ISOAFS-POLY **thermally insulated polyester flexible air ducts** are highly elastic and flexible. They can be easily fitted to circular and oval connectors.

PROPERTIES & ADVANTAGES

POLYESTER LAMINATED INNER DUCT

Impermeable to UV rays (ISOAFS-POLY.30 M)
Highly resistant to UV rays
Reflective property (ISOAFS-POLY.30 M)
Chemically resistant
Maintenance free
Economical

FLEXIBLE & SEAMLESS CONSTRUCTION

Easy storage
Easily transported
Low installation cost
High resistance to wear and tear
Airtight
Energy efficiency
No erosion of glass wool
Low operational and maintenance costs

HIGH TENSION STEEL WIRE

Highly durable
Highly resistant to deformation
Easily installed

GLASS WOOL INSULATION

Heat resistant (Certified)
Minimal energy loss
Perfect insulation property
Non-condensation

METALLIZED POLYESTER LAMINATED OUTER JACKET

High resistance to wear and tear
Impermeable to UV rays
Highly resistant to UV rays
Reflection property
Chemically resistant
Easy care

TECHNICAL PROPERTIES

	ISOAFS-POLY . 30	ISOAFS-POLY . 30 M
Inner Duct Construction	Polyester	Metallized Polyester
Nominal Thickness of Inner*	30 micron	30 micron
Outer Barrier Construction	Metallized Polyester	Metallized Polyester
Nominal Thickness of Outer	30 micron	30 micron
Insulation	25/50 mm glass wool, 16 kg/m ³	25/50 mm glass wool, 16 kg/m ³
Available Diameters	52 mm - 508 mm	52 mm - 508 mm
Temperature Range	-30°C / +120°C	-30°C / +120°C
Air Velocity	30 m/s (Max.)	30 m/s (Max.)
Operating Pressure	3000 Pa (Max.)	3000 Pa (Max.)
Standard Length	7,6 m	7,6 m
Packing	Single cardboard box	Single cardboard box

*45 micron duct is optionally available