

*SUPPLIERS OF AIR CONDITIONING—PLUMBING & HEATING—MECHANICAL PRODUCTS—
VENTILATION EQUIPMENT*

SUBJECT.....ALUMINIUM INSULATED FLEXIBLE DUCTING(TFI).

APPLICATION

TRADE SUPPLIES `TFI` IS A RANGE OF FULLY FLEXIBLE THERMALLY INSULATED DUCTING, WHICH HAS BEEN SPECIALLY DESIGNED FOR THE HVAC MARKET. IT HAS BEEN DEVELOPED TO MINIMISE THE HEAT GAIN OR LOSS RESULTING FROM THE TEMPERATURE DIFFERENTIAL BETWEEN THE AIRFLOW AND THE SURROUNDING AMBIENT AIR. THE VAPOUR BARRIER PREVENTS CONDENSATION FORMING ON THE OUTSIDE OF DUCTS CARRYING AIR AT LOWER TEMPERATURES THAN THE SURROUNDING AIR.



CONSTRUCTION

TRADE SUPPLIES `TFI` IS CONSTRUCTED WITH AN INNER DUCT (TFF) WITH A 25MM FIBREGLASS INSULATION AND COVERED WITH AN OUTER JACKET, WHICH ACTS AS A VAPOUR BARRIER. THE JACKET IS A SPIRALLY PRODUCED MULTI-LAYER ALUMINIUM/POLYESTER LAMINATED FABRIC REINFORCED WITH A FIBREGLASS YARN, WHICH PROVIDES AN OUTSTANDING COMBINATION OF STRENGTH AND TEAR RESISTANCE.

ADVANTAGES

- * SUPPLIED IN STANDARD 10 METER LENGTH, COMPRESSED TO 1.6 MTS.
- * INDIVIDUALLY BOXED.
- * EASY TO CONNECT TO EITHER ROUND OR OVAL DUCTING.
- * NO SPECIAL TOOLS REQUIRED FOR CUTTING OR FIXING.
- * IN THE EVENT OF FIRE NO TOXIC GASES ARE EMITTED.
- * THE PRODUCTS HAVE BEEN SUCCESSFULLY FIRE RESISTANCE TESTED TO BS476,PARTS 6, 7, AND 20.

TECHNICAL DATA

CONSTRUCTION MATERIAL.....TFF INNER & ALUMINIUM/POLYESTER OUTER
INSULATION.....FIBREGLASS 25MM
DIAMETER RANGE.....80-610MM
TEMPERATURE RANGE.....-30/+140°C
MAXIMUM AIR VELOCITY.....30 M/SEC
POSITIVE WORKING PRESSURE..2500 PA (MAX)
STANDARD LENGTH.....10 METERS
PACKING.....INDIVIDUAL BOX OF 1.2 METERS
CLAMPING.....LIGHTENING BAND,STAINLESS STEEL FLEX CLIPS.