



TUF-FLEX

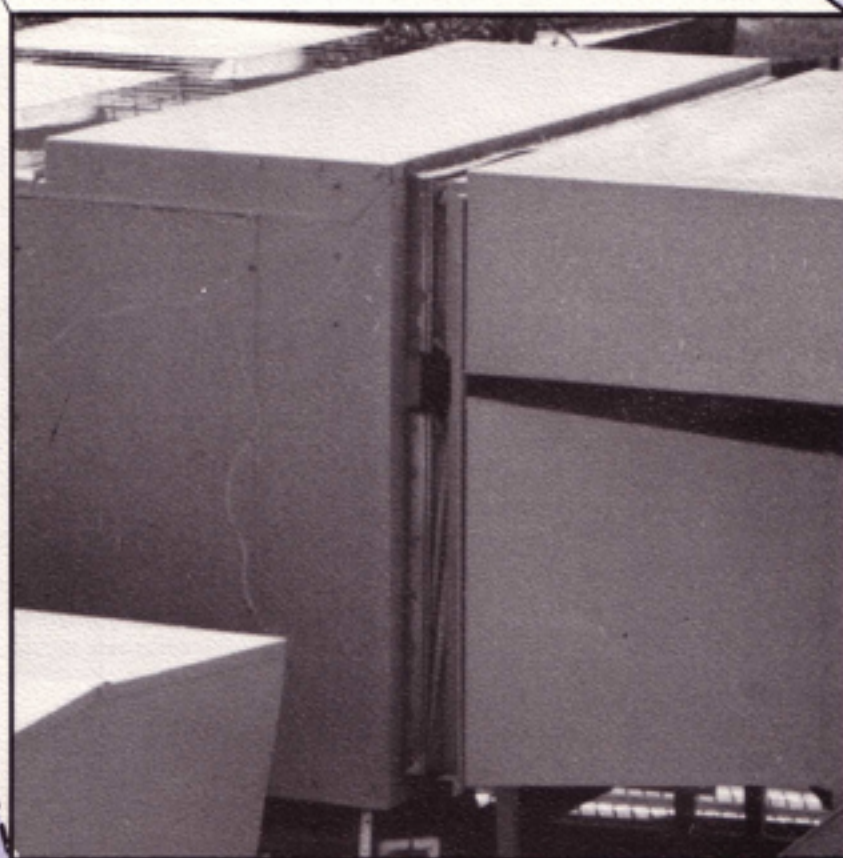
PRODUCT - H N 100 G.P. GREY

METAL EDGE FLEXIBLE DUCT CONNECTOR



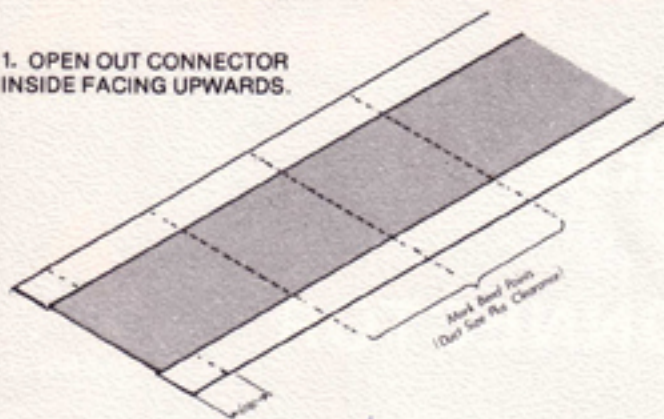
TUF-FLEX metal edge flexible duct connector meets nearly all Industrial and Residential application needs. Creates a non-metallic periodic joint in the duct run, this absorbs expansion and contraction, isolates and arrests vibration and noise. H N 100 G.P. comprises fabric of heat stabilised Polyester, both sides coated with newly developed synthetic heat resistant Elastomer.

TUF-FLEX is suitable for use in many types of systems previously requiring several conventional fabric types. Its high quality and strength is for most applications within temperature range, is UV and Ozone resistant (accelerated tests show little deterioration after 10 years exposure), has high resistance to acids, alkalis, oils, fuels, toxic fumes and adverse conditions, is waterproof, airtight and abrasion resistant and suitable for high pressure systems.

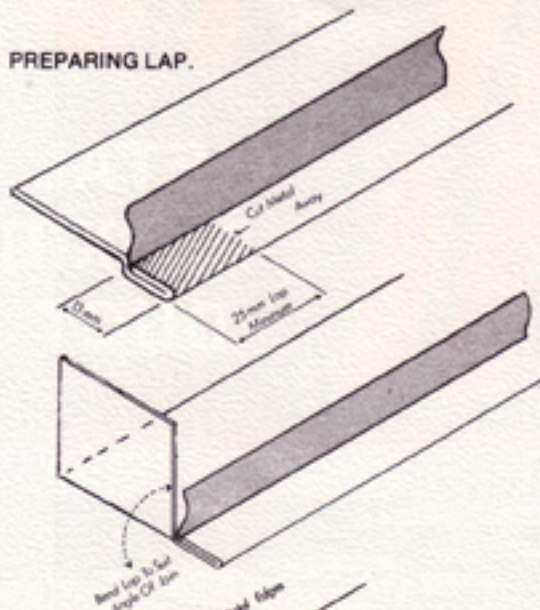


USING TUF-FLEX FLEXIBLE CONNECTOR

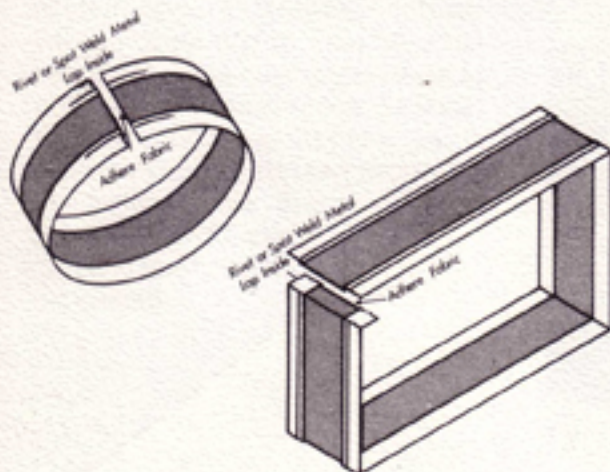
1. OPEN OUT CONNECTOR
INSIDE FACING UPWARDS.



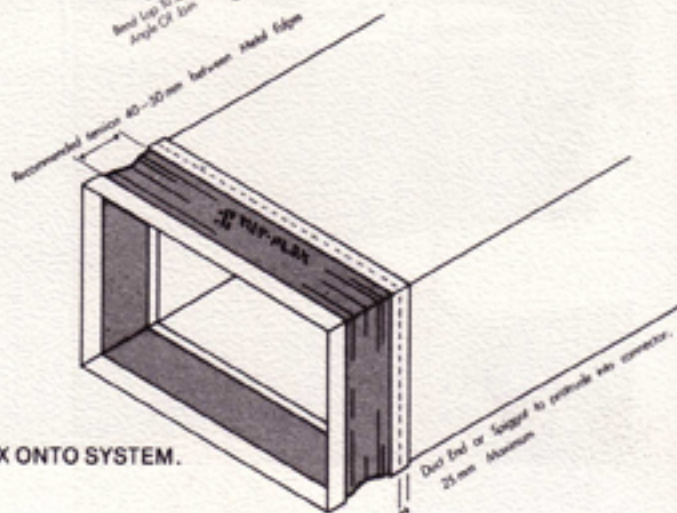
2. PREPARING LAP.



3. BEND TO FORM CIRCUMFERENTIAL
CONNECTOR.



4. FIX ONTO SYSTEM.



SPECIFICATIONS

Weight - .785 kg per Lineal Metre
Metal Edge - .68 TCT Lysaght Galvabond
as to AS 1397 - G300, Z430

Fabric - Coating - 1000 Denier
Hoechst Trevira, coated
both sides with heat set synthetic
elastomer.

Colour - Fabric Mid Grey to AS K185.
Temperature Range - Continuous
Maximum 130°C
Short periods Max. 160°C
Continuous Minimum - 10°C

Cracking - tested to 200,000 cycles -
no cracks or delamination.
Coating Adhesion - 6 kg to 50mm

Strength - Warp 304 kg/50mm Square,
Tear 90 kg force.

Weft 291 kg/50mm Square,
Tear 75 kg force.

Age shrinkage approximately 2% over
10 years. Hydrostatic Absorbency 5%
of fabric mass, watertight, no air leakage.
Suitable jointing adhesive - Bostik 2405
Contact Cement, or similar.

Not affected by mildew, mould, fungus or micro-organisms.
Highly resistant to UV, Ozone attack and general exposure.
Resistant to acids, alkalis, organic solvents, petrol, grease and toxic environ-
ments.
Tested as per Australian Standard 1668 Part 1 in accordance with Procedure
1530 Part 3 by A.W.T.A.

Ignitability index 0	Range 0 - 20
Spread of flame index 0	Range 0 - 10
Heat Evolved Index 0	Range 0 - 10
Smoke developed 6	Range 0 - 10

PACKAGING -

40 Metre continuous length TUF-FLEX
connector is packed and shipped in sturdy
dispenser type cartons ready for fast
installation in Duct Systems.

PACKED WEIGHT -

33 kg.

Masfield Manufacturing Pty. Ltd. reserves the right to alter, modify or
improve its products without prior warning or public notification.

Specific application and technical details available upon request.

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