



Avflex

GLOBAL TECHNOLOGY – LOCAL SERVICE

Specialty Products for Corrugated Printing & Pre-Press

Working with the leading European manufacturer of performance product specifically designed for the corrugated industry, Avflex can supply most all products for the corrugated print industry.

From cushion mount foams, pre-welded plate carriers/clichés with and without foam backing, PET base layers lead and trail bars, edge strips, extension sections, for the corrugated printing industry.

Bespoke manufacturing service also available for production to suit any press or undercut.



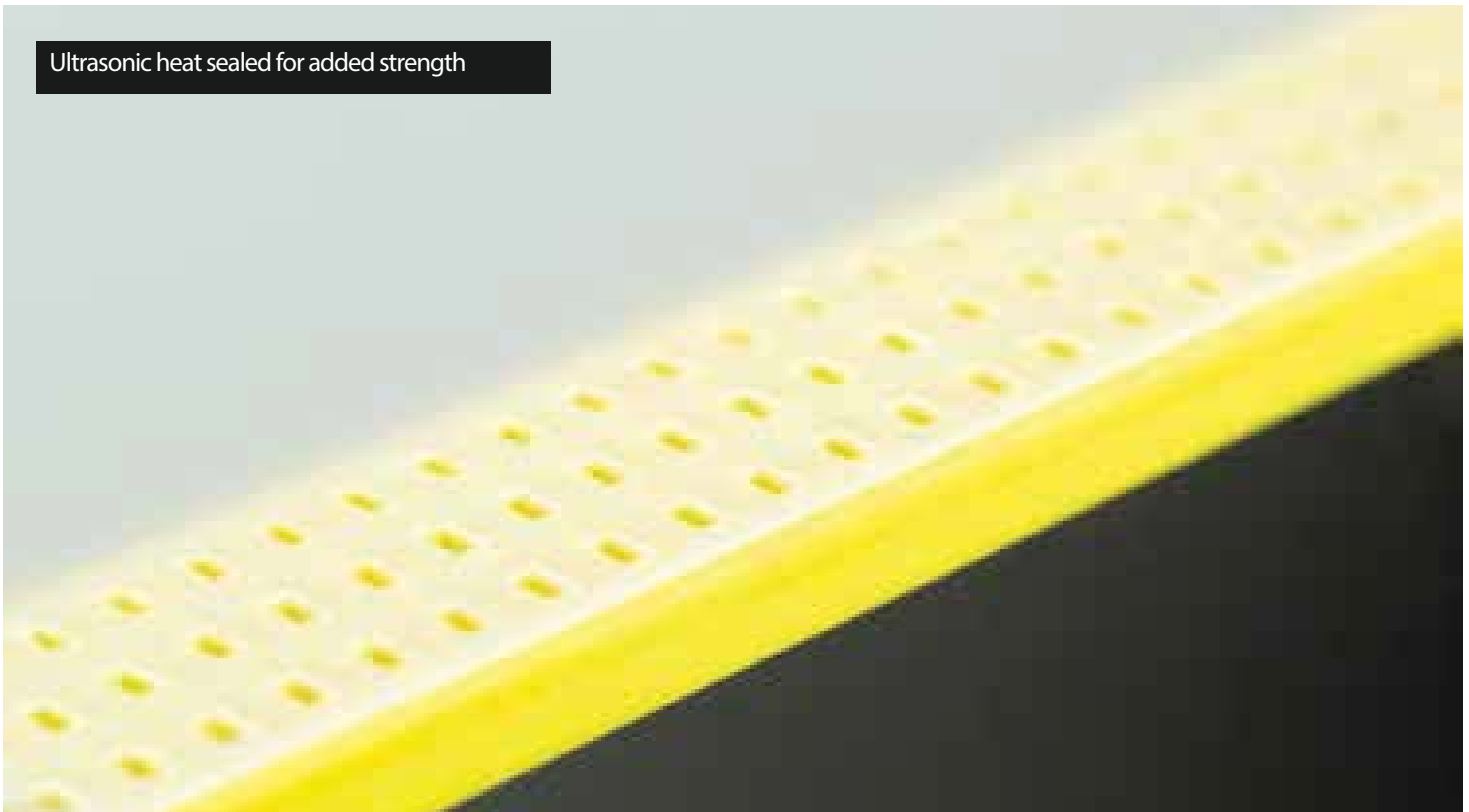
Pre-welded Plate Carriers/ Clichés

Pre-welded plate carriers/clichés for the corrugated printing industry. Massive time savings and increased productivity. We can supply a plate carrier/cliché to any press specification.

- Large selection of lead and trail edge strips and systems
- Any thickness combination of PET & Cushion
- Add Eyelets, pre-punched centeringholes, metal plates or rivets
- Strong ultrasonically bonded bars
- Dimensionally accurate



Ultrasonic heat sealed for added strength



Pre-welded and Foam Backed Plate Carriers

The total solution. A fully pre-made carrier ready to mount a plate to. Massive cost savings with increased productivity. Manufactured accurately cut to size, pre-welded with your choice of lead and trail bars, with the correct thickness foam backing professionally laminated to the carrier. Carriers/cliché to any specification required.

- Large selection of lead and trail edge strips and systems
- Any thickness of cushion foam to suit press undercut specifications and plate thickness
- Produced with strong PET heat laminated to cushion foam
- Add eyelets, centre lines, pre-punched centering holes, metal plates or rivets to suit
- All bars ultrasonically bonded for high strength and dimensionally accurate



Polymount PET/ PP Material

Precision extruded PET for mounting photopolymer printing plates to, in production of Mid & Wide-Web Printing. Ideal for construction of Cliché/Stereo's/Base Boards in Corrugated and Flexographic printing. The high purity PET & PP is produced to very tight tolerances and provides high tensile strength, heat and chemical resistance. Polymount is long life and will not deteriorate under extreme conditions.

Ideally suited to both flatbed or machine plate mounting, Polymount exhibits excellent antistatic properties and HF700 is available with Corona treatment to provide optimum Dyne level for improved adhesion and strong bonding of plates.

Polymount is transparent in appearance to allow accurate plate positioning and available in popular roll widths to suit.

- High tensile strength
- High visual clarity
- Dimensionally stable
- Corona treatment for maximum adhesion
- High Chemical Resistance
- Produced to very tight tolerances.



Technical Properties	Polymount TLS10#188	Polymount LE#250	Polymount HF#700
Thickness	0.188mm/ .007"	0.25mm/ .010"	0.7mm/ .028"
Material	Polyester	Polyester	Polypropylene
Tensile Strength	17	18	35
Elongation at Break	184	195	500
Colour	Clear	Clear	Translucent
Standard Widths	1650 & 1800mm	1650mm	1620 & 1830mm

Flexofoam Cushion

Flexofoam is our range of closed cell PE foam mounting material with adhesive backing specially engineered for corrugated post print applications.

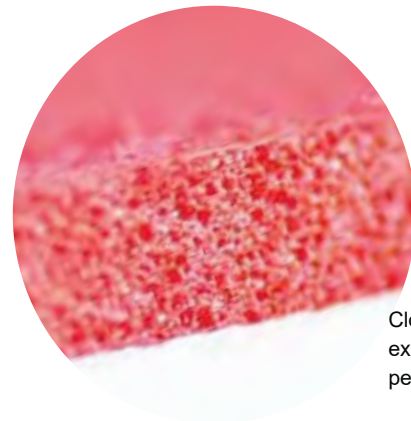
Designed to add a compressible layer of cushion to the plate cylinder and to reduce the height of photopolymer printing plates.

Will allow allows printers to achieve:

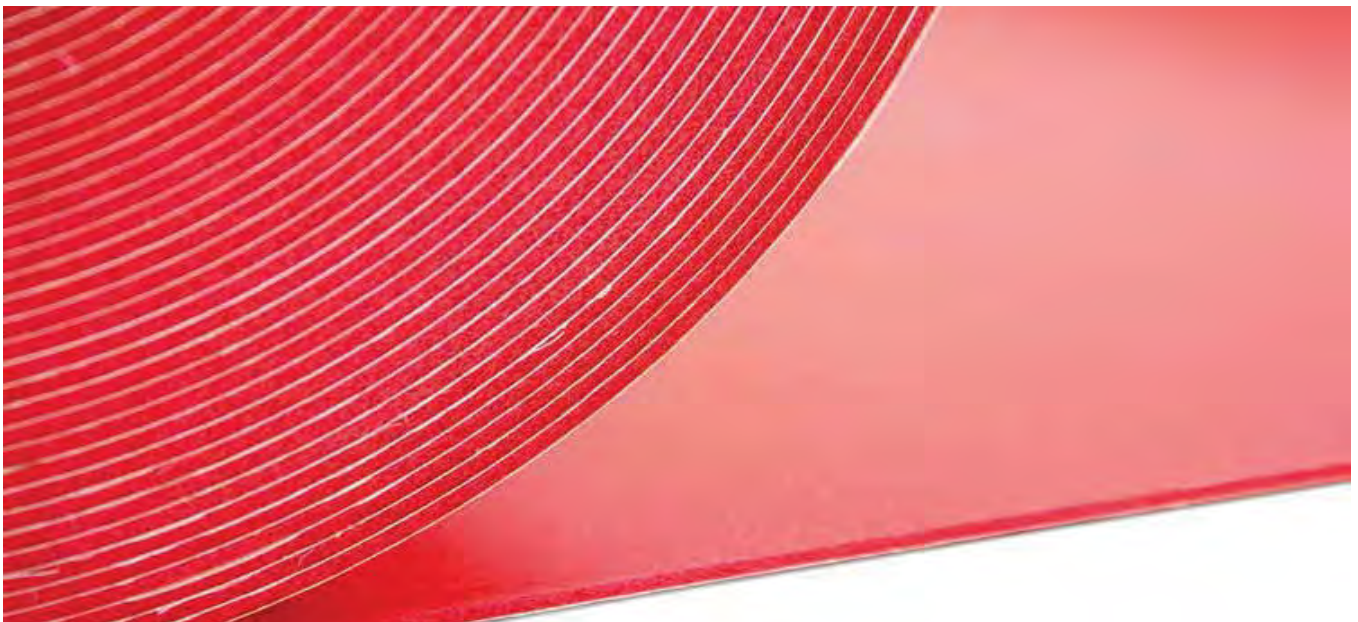
- Consistent ink coverage
- Reduced dot gain
- Less fluting on corrugated substrates
- Excellent imaging on complex print jobs

Flexofoam enables you to print with reduced pressure settings prolonging the life of plates. High quality, water and solvent resistant and dimensionally accurate eliminating high and low spots with a smooth surface finish.

- Available in 7 thicknesses ranging from 0.8mm to 4mm



Closed cell for excellent performance.



Flexofoam Supported

FlexoFoam Supported is combination of Flexofoam and PET carrier film professionally laminated together.

Provide a perfect cushion under printing plates eliminating the need for traditional adhesive systems.

Can be supplied in unique bespoke lamination's up to a width of 1,650 mm and utilising a variety of foam and PET combinations to achieve any height and thickness.



Flexofoam Magnetic

Magnetic blankets for corrugated presses offer all the benefits of Flexofoam but are easily attached and removed on the print cylinder either using the revolutionary magnetic backing layer.

Fast changeovers to allow for different plate thicknesses with no messy adhesive to clean up post print. They also allow the use of thinner printing plates and for high definition printing.

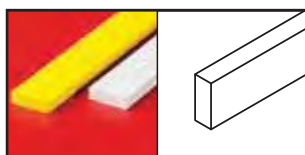
They are available as a bespoke blanket.



Carrier/Cliché Edging Strips.

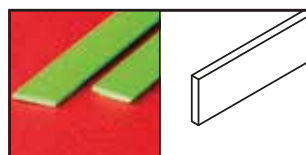
Manufactured from rigid PVC and UPVC

- Impact resistant
- Suitable for staple, stitch or heat sealing
- Dimensionally accurate and designed specifically for corrugated press
- Large selection of lead and trial edge profiles



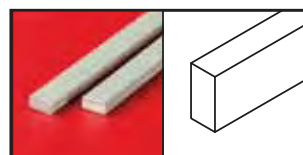
9x3mm Flat bar Profile
Available in all Colours

Bar 1



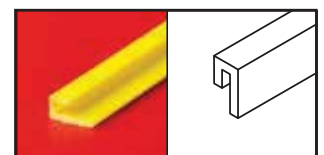
9x15mm Flat bar Profile
Available in Green

Bar 2



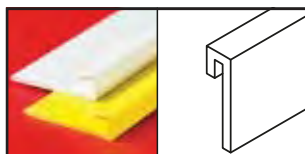
5x3mm Flat bar Profile
Available in all Colours

Bar 3



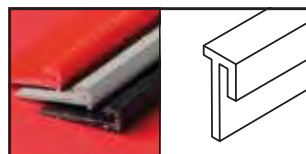
10mm Clip Section
Available in all Colours

Bar 4



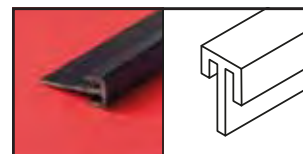
26mm Clip Section
Available in all Colours

Bar 5



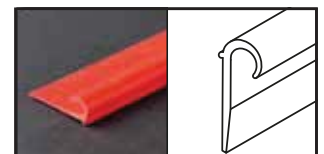
Single lip/Mattews Section
Available in all Colours

Bar 6



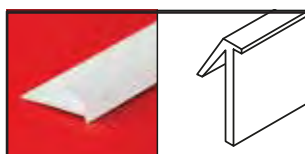
Double Lip 'T' Section
Available in Black

Bar 7



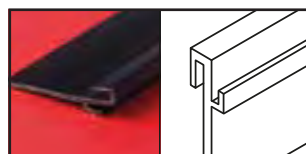
J Section
Available in White

Bar 8



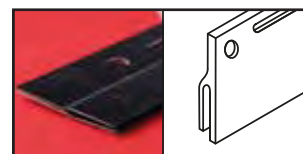
V Section
Available in White

Bar 9



Piggy Back Section
Available in Black

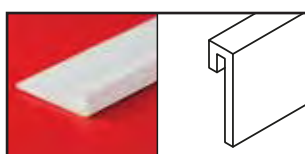
Bar 10



Trail edge section
Available in Black

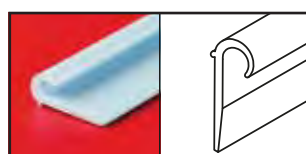
Bar 11

Reinforced



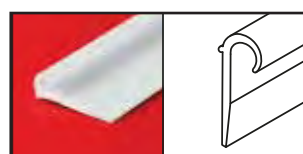
Reinforced Single Lip/
Mattews Section
No lay on edge white

Bar 12



Blue Sky J Section
Available in Light Blue

Bar 13

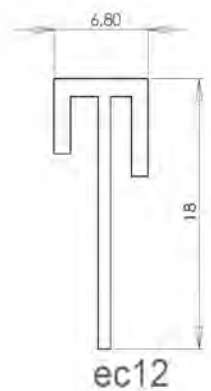
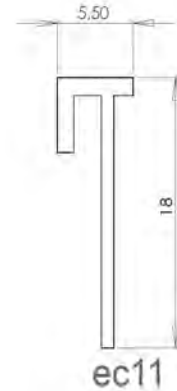
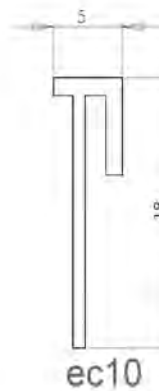
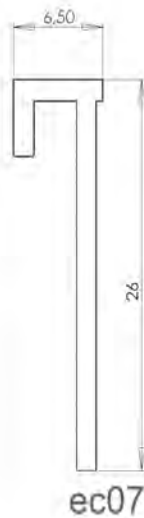
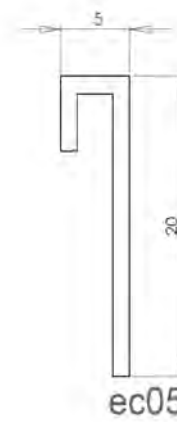
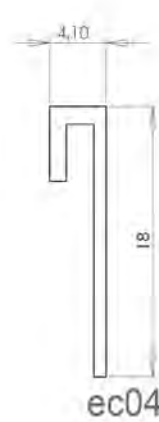


Reinforced J Section
Available in White

Bar 14

Carrier/ Cliche Edging Strips

Select your Cliché ending strips



Zip Extension Strips

The new Zip™ extension system allows different sized plate carriers/clichés to be transferred to different sized printing presses.

Designed to accommodate the thinnest printing plates, zip™ extension system allows jobs to be easily transferred to different printing presses eliminating the need to purchase additional printing plates.



Link Sections

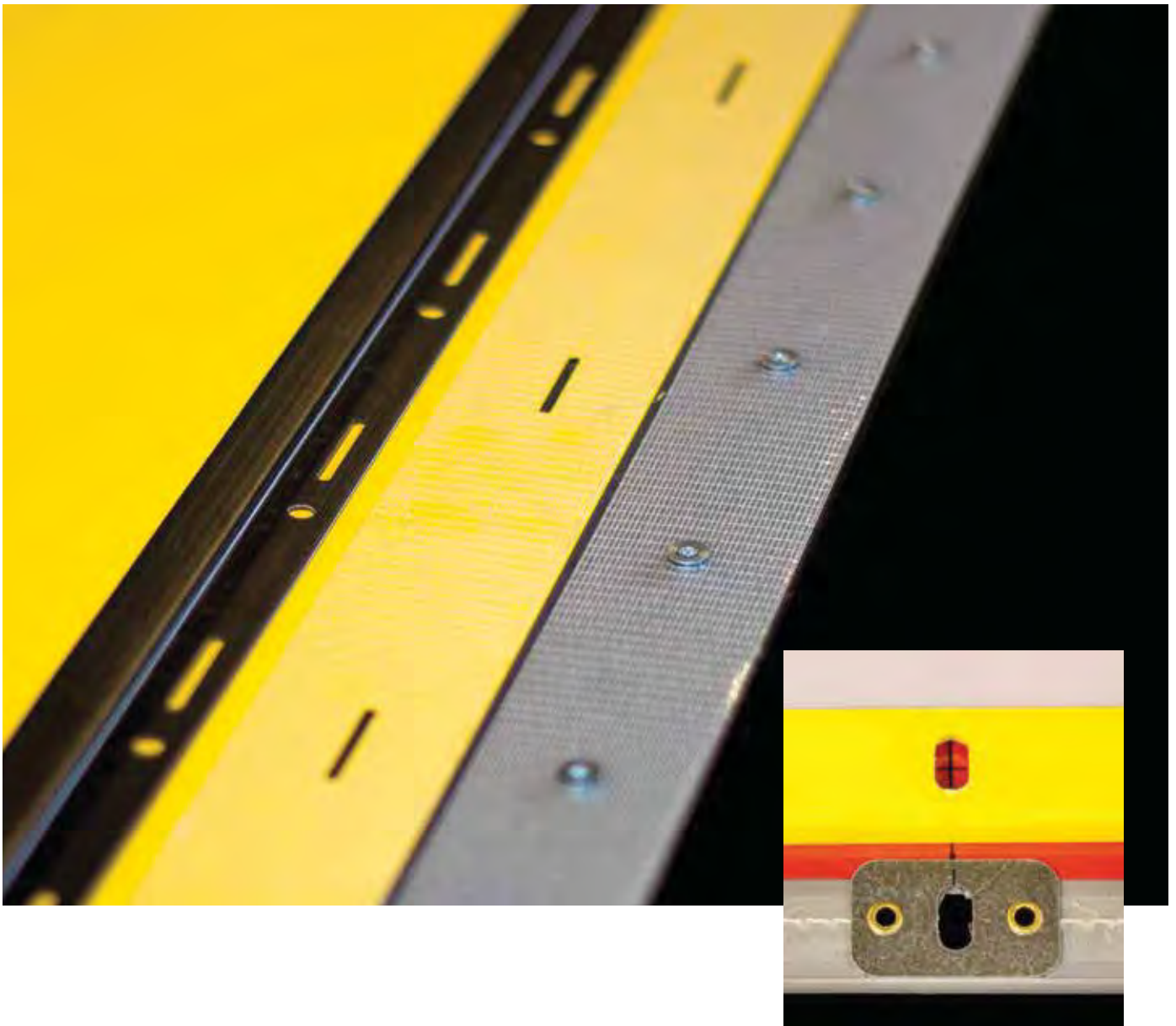
Link sections allow for the removal of lead and trail edge strips and also the extension of a plate carrier/ cliché.



Lead/Trail Edge Additions

LeadEdge stock a wide variety of lead edge and trail edge additions such as:

- Eyelets (all sizes)
- Rivets
- Slotting machines
- Pre-punched registration centring holes
- Registration hole Plates and eyelet fixings
- Link Section tension straps
- Trail Edge Section



Consumables

Avflex can support all needs relating to corrugated pre-press consumables including:

- * **Rivets, eyelets and rivet and eyelet tooling**
- * **Tension straps**
- * **Plate rollers**
- * **Stitching machines on request**
- * **Quick drying plate/cliché edge sealer (Red or Blue).**
- * **High Bond Plate Mounting Tape**

Avflex can supply of any product , any tooling or ancillary equipment for your operations , so just ask and we will find a solution to your supply needs.

