

PTFE Open Mesh Belts

PTFE open mesh belting is ideally suited for conveying products within highly efficient air distribution systems allowing optimised moisture removal to take place and is commonly used within ultra violet and infra red dryer units.

The open area allows maximum air flow optimising drying times whilst its extreme properties make it a natural choice for dryer manufactures.

Material Properties

- Temperature resistant from -73oc to plus 260oc
- Chemical Inertness
- Ultraviolet, Infra-red, microwave, radio frequency resistance
- Food Approval (USFDA)
- Non-Stick surface
- Lightweight and energy efficiency for economical operation

Applications

PTFE mesh belts are used in applications such as the drying of printed products for example; point of display stands, T-shirts, glass and mass produced paper prints. Print dryers usually opt for Ultra violet, Infra red or hot air as the heat source to dry.

Other applications range from the drying of cereals, non woven's, charcoal interlinings, carpet & carpet tiles, printed circuit boards and shrink-wrap tunnels but to name a few.

Features / Benefits

PTFE open mesh conveyor belting is light weight and cost effective therefore is easy to handle and less expensive than wire alternatives that can be difficult to replace.

Often supplied with a metallic clipper type fastener these style of belts can easily be removed and replaced therefore minimising downtime and saving money.

This material can be offered in carbon loaded black therefore providing antistatic properties.

Additional Information

- 4x4 open area mesh is available in widths up to 5000mm wide and can be supplied at any length required.
- In addition film, glass or kevlar can be applied as edge reinforcement depending of the environment it will be used within.
- There are various methods of joining screen-printing belts however the metallic clipper or spiral types are more typical.



Woodside Mill | Halifax Road | Elland HX5 0SH
t: 01422 366386 f: 01422 344453 e: sales@techbelt.com