



Clean Room Curtains individually manufactured

Germ and dust free with clean room curtains

Ewert Cleanroom Products

For the construction of passages two possibilities are available:

Either standard Ewert Softwall Panels or alternatively Ewert Strip Curtains. Of course, you can combine both possibilities, too. Flexible curtains can be made from a variety of materials ranging in thickness from 0,4 mm to 1,0/2,0 mm.

I. Upper edges (borders)

The types of upper edges depend on different ways of attachments.

1.) Not slidable curtains :

- * Upper edges provided with reinforcements for clipping. Buffers on the ends of the clamp rails are recommended.
- * With seam and round insert for pushing into a clamp profile provided by the client; inserts used:
 - e.g. lead cord 100 g/m with diameter approx. 5 mm
 - lead cord 200 g/m with diameter approx. 7 mm
 - lead cord 400 g/m with diameter approx. 8 mm
- * With Velcro strip + loose self-adhesive counterparts (supplied) to help in positioning. Additional fixing by screws with cover strip is recommended.
- * Sides with seam where there is a mechanical loading (frequent opening, for example), but unseamed for overlaps (especially with strip curtains). Bottom edges generally come with seam and inserted lead cord (for selection see above) for extra weight.

In case of strip curtains made of strips with 2 mm thickness, this type of edge finishing is not required, unless a Velcro strip is required on the upper edge.

2.) Laterally slidable curtains :

Upper edge with metal eyes in which any fixing element provided by the client can be hung or with riveted rollers on top to fit into the fixing rail.

Ewert Curtains can be made as standard closed curtains or may come as "strip"-curtains where walking or reaching through is necessary.

In case of plastic sheeting up to and including 1,00 mm thickness, these strips can be grouped together in widths of normally 200-300 mm, overlapping (overlap sizes as required, approx. 20% is usual) at the top edge so that fitting is almost as easy as with closed curtains. Again, the top side can be provided with Velcro and the bottoms of the strip-seams with lead cord.

Strips 2 mm thick with rounded edges can be delivered in separated strips which will be overlapped when attached.

Enclosures around workplaces can be made partly from closed and partly from strip curtains.

II. Lower edge - with lead cord welded into seam to obtain a smooth surface.

III. Side border – with or without seam.



Technical Data

Ewert Cleanroom Products	Thickness mm	Application	Benefit
PVC softwall anti static , crystal clear, UV-stabilized	0,5 - 1,0	electronical & chemical industry	increased conductiveness
PVC softwall hardly inflammable, clear, UV-stabilized	0,5	cleanroom different uses	hardly inflammable (DIN 53438)
PVC softwall antistatic, ESD protected, black	0,6	chemical industry	ESD protection
PVC softwall, black	1,0	photo, optical industry	no light transmission
PVC softwall, crystal clear, uv.-stabilised	0,5 - 2,0	cleanroom different uses	dust and particle barrier
Poly softwall, lightly opalescent	0,5 – 1,0	optical industry	non outgassing material
PVC softwall rhombic design, clear, UV-stabilized	0,5	chemical industry	ESD protection
PVC softwall hardly inflammable orange, UV-stabilized	0,4	photo technical industry	UV absorbant (DIN 53438-2)
POLY softwall, lightly opalescent	0,2 - 0,3	food- & pharma industry	no transfer of odorous substances, hardly inflammable (DIN 53438)