

Flexiwall® *industrial partitioning*

Protectors of
momentum

Flexiwall® is a tensioned fabric partition wall for large buildings. Customise to create zones, prevent cross-contamination, manage temperature and reduce noise. Manufactured in reinforced fire-retardant PVC coated fabric, Flexiwall takes up minimal floor space and hangs from your building's existing structure. Installed quickly and cleanly to minimise disruption, allowing spaces to be upgraded and adapted safely without shutting down operations.



Features and benefits

V-overlap panel connection method / air permeability guarantee	• Over 99% air/dust tight seal • Achieve ISO 7 cleanroom standard • Eliminate dust spread, prevent cross-contamination (fumes/odours), manage temperature, reduce noise and stop heat-loss
Quick and clean installation method	• No additional steelwork, no damage to structure or floors • Minimal impact on production and operation schedules
Easily adapt / reconfigure or relocate	• Designed for evolving spaces – adjust for planned, unforeseen or unpredictable changes
Takes up only 50mm floor space	• Needs less room to install – ideal for tight spaces • Maximise floor areas – install close to warehouse racking, factory equipment and on mezzanines
Heavy duty lightweight fabric	• Custom-made to any height and length (subject to survey) • Neat and compliant seal around steel protrusions and service penetrations – no need to relocate services • No concerns for additional heavy weight loading on structures • Simply incorporate roll up sections for equipment or vehicle access • Add in further access points easily when needs evolve
Range of fabric options	• Select fabric to meet your project needs (e.g. fire-retardant, antimicrobial, translucent) • Create walls from fabrics with limited combustibility – meet H&S and insurance requirements • Translucent fabric allows natural light transit – no additional lighting needed • Choose brand colours and add logos – improve the environment for employees and visitors • Waterproof fabric suitable for external applications (e.g. canopy walls or airlocks)
Range of accessories	• Incorporate Fastflex® fast action doors, Flexistrip® PVC strip doors, Flexidoor® crash doors, Easiguard® crash barriers and Anchorwall® pedestrian doors
15 year guarantee (internal walls only)	• Enhanced protection you can rely on



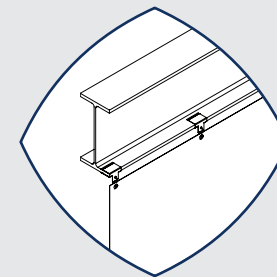
Technical specifications

Material performance	
Material composite	Main product is polyester reinforced fire-retardant fabric with PVC coatings. We also supply a non-combustible woven glass fabric with PU coating (Range of base fabric and coatings available, depending on your requirements)
Material weight	Between 340 - 1300gsm
Tensile strength	Between 340 - 4000N / 50mm
Tear strength	Between 80 - 850N
Material fire rating examples	EN 13501-1 between A2-s1-d0 to C-s2-d0, DIN 4102:B1, BS 5867:2008 Part 2 Type A & B, Warrington Certifire TS62 and TS63 (Fire ratings subject to chosen material specification. Fire ratings supplied at quotation stage)
Operating temperature	Between -40 / +500°C (Dependent on fabric type)
Sound reduction	Between 10 - 16dB
Thermal resistance	Between 4 - 5.7 W/m²K

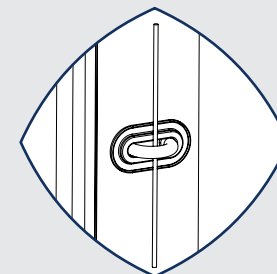
Flexiwall can be designed to fit any size and shape of building and easily installs around existing ducts and pipework. Customised solutions are designed and installed by our experienced Westgate Global installation team.



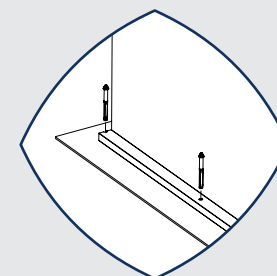
Installation



Panels are typically suspended using existing steelwork, clips and s-hooks.



Panels are joined together using our unique v-overlap panel connection method.



For floor-to-ceiling partitions, panels are typically tensioned and secured using battens fixed to the floor.

This fact sheet is for illustrative purposes only and based on the latest information at the time of print. Installation methods may vary depending on specific project requirements. Westgate Global reserve the right to make changes at any time without notice. WG-PFS-FW-0726 © Westgate Global Ltd.