

PU CONVEYOR BELT –

OVERVIEW

| PU dimensions/ version | PU-A/1 | PU-M/1 | PU-M/2 | PU-J/1 | PU-J/2 | PU-X/1 | PU-G/1 | PU-G/2 AS 2363 | PU-W/1 | PU-HA/1 | PU-HA/2 | |
|----------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Fabric | Multifile warp threads (RD) and monofile PES weft threads (TD) | | | | | Multifile warp threads (RD) and monofile PES weft threads (TD), carbon fibre antistatic threads | Multifile warp threads (RD) and monofile PES weft (TD) | Multifile warp threads (RD) and monofile PES weft threads (TD), carbon fibre antistatic threads | | | | |
| Number of plies | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | |
| Colour | Light green | Ochre | | Blue | | White | | | White | | | |
| Material thickness [mm] | 0.60 | 0.70 | 1.20 | 0.67 | 1.20 | 0.75 | 0.70 | 1.30 | 1.15 | 0.70 | 1.30 | |
| Coating of the carrying side | PU impregnation | Glossy transparent polyurethane | | | | | | Glossy polyurethane | | | Polyurethane with micro-embossing (matt finish) | |
| Coating of the running side | | | | | | PU impregnation | | | | | | |
| Weight [g/m²] | 450 | 620 | 1 250 | 700 | 1 400 | 900 | 700 | 1 450 | 1 250 | 760 | 1 450 | |
| Max. product temperature [° C] | | | | | | -20/+95 | | | | | | |
| Max. operating temperature [° C] | | | | | | -20/+60 | | | | | | |
| 1 % stretch with N/mm belt tension | 3 | 3 | 6 | 3 | 6 | 4 | 5 | 10 | 8 | 5 | 10 | |
| Heat transfer coefficient [W/m²] | 180 | 172 | 101 | 172 | 101 | 172 | 137 | | 125 | | | |
| Deflection radius [mm] | 1.5 | 2.5 | 7.5 | 2.5 | 7.5 | 2.5 | 2.5 | 5 | 2.5 | 4 | 6 | |
| Anti-static | | | No | | | Yes | No | | | Yes | | |
| Embossable | No | | | | | | Yes | | | | | |
| Approved for use in food processing | | | | | | VO EC 1935/2004, VO EC 10/2011 | | | | | | |
| Applications | Transporting small and medium-sized products, cooling tunnels | Transporting small and medium-sized products, cooling tunnels, packaging equipment, feeder and discharge belts, feeding and sorting systems | | | | | | Transporting small and medium-sized products, cooling tunnels, packaging equipment, feeder and discharge belts, feeding and sorting systems | | | Transporting small and medium-sized products, cooling tunnels, packaging equipment, feeder and discharge belts, feeding and sorting systems, stowage transport | |
| Special features | Outstanding cooling properties, very small bends | Excellent cooling properties, outstanding resistance to oil and fat, high level of lateral stability | | | | | | Good cooling properties, resistance to oil and fat | | High tensile force, resistance to oil and fat, high level of lateral stability | Surface with low friction coefficient, resistant to oil and fat | |

Legend:

RD = Running direction
 TD = Transverse direction
 PES = Polyester
 PU = Polyurethane

Special processes require special belts:

Ask us if you can't find what you're looking for in our standard product range ...