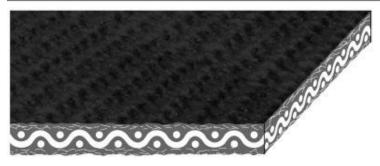
#### **Pioneer Belt Data Sheet**

# **PVC Conveyor Belt**

# **Product Designation**

Product Group:	PVC conveyor and processing belts	
Product Sub-Group:	Allveyor belts for package handling	
Main Industry Segments:	Airport; Baggage handling; Distribution centers; Materials Handling; Parcel distribution/Overnight carrier	
Belt Applications:	Accumulation belt; Baggage handling; Diverting belt; General conveying belt	
Special Features:	Economical; Flame retardant; High tensile strength; High transversal rigidity; Low friction surface; Puncture resistant; Tear resistant	
Mode of Use/Conveyance:	Accumulation; Diverting; Horizontal; Side loading	

### **Product Design (enlarged)**



# **Product Construction/Design**

Conveying Side (Material):	Polyester fabric (PET) impregnated with polyvinylchloride (PVC)		
Conveying Side (Surface):	Impregnated fabric		
Conveying Side (Property):	Non-adhesive		
Conveying Side (Color):	Black		
Traction Layer (Material):	Polyester (PET) fabric		
Number of Fabrics:	1		
Running Side/Pulley Side (Material):	Polyester fabric (PET) impregnated with polyvinylchloride (PVC)		
Running Side/Pulley Side (Surface):	Impregnated fabric		
Running Side/Pulley Side (Color):	Black		

# **Product Characteristics**

Slider bed suitable:	Yes
Carrying rollers suitable:	Yes
Troughed installation suitable:	No
Power turns, curved installations:	No
Nosebar suitable:	No
Low noise applications:	No
Antistatically equipped:	No
Metal detector suitable:	No
Flammability:	Flame retardant to ASTM D-378
Food suitability FDA:	No use intended
Food suitability USDA:	No use intended
Food suitability EU:	

# **Technical Data**

Thickness:	5.1 mm	0.200 in.
Mass of belt (belt weight):	5.9 kg/m²	1.2 lbs./sq.ft
Nosebar Radius (minimum):	NA mm	NA in.
Pulley diameter minimum without or with counter flection:	100 mm	4.0 in.
Tensile force for 1% elongation (k1% static) per unit of width (Habasit standard SOP3-064):	20 N/mm	114 lbs./in.
Tensile force for 1% elongation after relaxation (k1% relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181):	N/mm	lbs./in.
Admissible tensile force per unit of width:	39 N/mm	225 lbs./in.
Operating temperature admissible (continuous):	Min -18 °C Max 82 °C	Min 0 °F Max 180 °F
Coefficient of friction on slider bed of pickled steel sheet:	[-]	[-]
Seamless manufacturing width:	1524 mm	60 in.

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity, per ASTM standards, and are based on the Master Joining Method.