

General Information

708-2 1 Ply Black PVC 150 Crescent C X FS

MWR Part#	708-2
Description	1 Ply Black PVC 150 Crescent C X FS
Product Category	Heavy Conveyor Belts
Additional Specifications	H250000686 A150CRES-B
Main industry segments	Distribution centers, Horticulture
Applications	Decline belt, Incline belt
Special features	Low temperature resistant



Product Construction Design

Conveying side material	Polyvinylchloride (PVC)
Conveying side surface	Crescent top structure
Conveying side property	Adhesive
Conveying side color	Black
Traction layer (material)	Polyester (PET)
Number of Fabrics	1
Pulley side material	Polyester fabric (PET) impregnated with polyvinylchloride (PVC)
Pulley side surface	Fabric
Pulley side property	Non-adhesive
Pulley side color	Black

Product Characteristics

Antistatically equipped	No
Adhesive free joining method	Yes
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended

Technical Data

Thickness of belt	6.3 mm (0.25 inch)
Mass of belt (belt weight)	5.2 kg/m ² (1.060 lb/sqft)
Tensile force for 1% elongation (k1% static)	32 N/mm (180 lbf/in)
Tensile force for 1% elongation (k1% relaxed)	12 N/mm (69 lbf/in)
Min. operating temperature admissible (continuous)	-34 °C (-30 °F)
Max. operating temperature admissible (continuous)	82 °C (180 °F)
Coefficient of friction (pulley side / steel driving pulley)	0.15
Coefficient of friction (pulley side / driving pulley with friction)	0.35
Coefficient of friction (pulley side / pickled steel slider bed)	0.25
Coefficient of friction (pulley side/phenolic resin slider bed)	0.25
Coefficient of friction (pulley side/stainless steel slider bed)	0.35
Admissible tensile force per unit of width	16 N/mm (91 lbf/in)
Admissible tensile force per unit of width at max. temp	7.4 N/mm (42 lbf/in)
Seamless manufacturing width	1829 mm (72.00 inch)
On request other seamless manufacturing width	1524 mm (60 inch)

Joining Related Properties

Joining method	Flexproof 10 x 80 (Master), Alligator #7 (Optional), Clipper #2 (Optional)
Pulley diameter (minimum)	89 mm (3.50 inch)
Pulley diameter minimum with counter flection	114 mm (4.50 inch)

Application Suitability

Slider bed suitable	Yes
Carrying rollers suitable	Yes
Troughed, Powerturns, curved installation suitable	No
Knife-edge (nosebar) suitable	No
Low noise applications	No
Metal detector suitable	No



Application specialists are ready to help — call 763-559-2551. On-site installation team available.

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