

## Flexam EX 10/2 0+05 black M2 AS / 2.1 mm



Article code 578491

### General information

Product group	Synthetic belts
Market segment	Insulation, General handling, Distribution centres, Airports
Main features	Antistatic, Low noise
Belt support	Slider bed, Rollers, Flat

### Belt construction

Fabric tension layer	polyester	stable	2-ply
Topside	Flexam PVC	M2 Fine matt finish	black
Bottomside	fabric	low noise	

### Characteristics

Foodgrade (FG)	no
Antistatic (AS)	yes
High conductive (HC)	no
Flame retardant (FR)	no
ATEX approval	no

### Technical belt data

Hardness topside	according to DIN 53505	80A	shore
Force at 1% elongation	according to ISO 21181	10.0	N/mm      56.00 lbs./in.
Belt thickness	internal AB method KV.002	2.10	mm      0.083 in.
Weight	internal AB method KV.004	2.60	kg/m <sup>2</sup> 0.532 lbs./ft. <sup>2</sup>
Thickness top cover		0.50	mm      0.020 in.
Temperature range		-15 to 80	°C      5 to 176 °F
Temperature range short		-15 to 100	°C      5 to 212 °F
Min. pulley diameter flexing (A)		30.0	mm      1.181 in.
Min. pulley diameter back flexing (B)		60.0	mm      2.362 in.
Standard belt width		2000	mm      78.74 in.
Maximum belt width		2000	mm      78.74 in.

### Endless instructions

Hot splicing is always preferable. Cold splicing can only be done when the belt is exposed to normal temperatures and the humidity is not excessive. For the working method, consult the splice information and the equipment literature. Apply the recommended splice as indicated in the separate information.

### Additional information

The information applies at approx. 20°C (68°F). Keep the belt tension to a minimum for maximum belt and conveyor life. Stated is the belt temperature. The allowable product temperature may vary.

The diameters are valid for hot vulcanised splice and at the indicated belt force. Depending on the splice and working conditions (e.g. temperature), different pulley diameters may be possible or necessary. When fasteners are used the minimum diameters are increased by approx. 50%.

Consult our specialists for available profiles and accessories.