

FEHB- Flat, Solid, Embossed Bottom Belt

Material:	Volta HB, Blue	
Color (Indicative only)	Blue 16	
Hardness:	59D	
Standard Belt Width:	60" / 1524mm	
Temp. Range:	- 20°C to 75°C / -5°F to 170°F	
Certification:	FDA / USDA / USDA Dairy Approved / EU	

Coefficient of friction (steel):

Belt Embossed Bottom: 0.20

TYPE Thickness mm 3 Weight kg/m² 3.6 lb/ft² 0.74 Minimum Pulley Diam.Normal Flex: Maximum Work Load Pull Force (kg/cm) at pretension of: Pull Force (lb/in) at pretension of: Pull Force (lb/in) at pretension of: Pull Force (lb/in) at pretension of: Electrode Splicing EVHB 7 EVHB 9 FEHB-3 3 3 3 3.6 1.6 1.6 3.0 2.1 1.5 3.0 1.5 4.5 2.6 6.0 2.5 7.5 3.6 1.5 4.5 2.5 3.6 3.6 2.5 4.0 3.6 2.5 4.0 3.6	Γ				
Weight kg/m² 0.74 Minimum Pulley Diam.Normal Flex: mm 90 1nch Maximum Work Load Kg/cm 21 120 Pull Force (kg/cm) at pretension of: 0.5% 1.5	ТҮРЕ		FEHB-3		
Ninimum Pulley mm 90 90 90 90 90 90 90	Thickness	mm	3		
Minimum Pulley Diam.Normal Flex: mm 90 (as a second limit) Maximum Work Load Kg/cm (b/inch) 21 (as a second limit) Pull Force (kg/cm) at pretension of: 0.5% (as a second limit) 1.5 (as a second limit) 1.5% (as a second limit) 4.5 (as a second limit) 2.5% (as a second limit) Pull Force (lb/in) at pretension of: 0.5% (as a second limit) 8.4 (as a second limit) Pull Force (lb/in) at pretension of: 1% (as a second limit) 16.8 (as a second limit) 1.5% (as a second limit) 25.2 (as a second limit) 33.6 (as a second limit) 2.5% (as a second limit) 42.0 (as a second limit) 33.6 (as a second limit) Electrode Splicing EVHB 7 -	Weight	kg/m²	3.6		
Diam.Normal Flex: Inch 3 9/16 Maximum Work Load Kg/cm 21 Pull Force (kg/cm) at pretension of: 0.5% 1.5 1% 3.0 1.5% 4.5 2% 6.0 2.5% 7.5 3% 9.0 Pull Force (lb/in) at pretension of: 0.5% 8.4 1.5% 25.2 2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7		lb/ft ²	0.74		
Diam.Normal Flex: Inch 3 9/16 Maximum Work Load Kg/cm 21 Pull Force (kg/cm) at pretension of: 0.5% 1.5 1% 3.0 1.5% 4.5 2% 6.0 2.5% 7.5 3% 9.0 Pull Force (lb/in) at pretension of: 0.5% 8.4 1.5% 25.2 2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7					
Maximum Load Kg/cm 21 lb/inch Pull Force (kg/cm) at pretension of: 0.5% 1.5 lb/inch 1% 3.0 lb/inch 1.5 lb/inch 1% 3.0 lb/inch 3.0 lb/inch 1.5% 4.5 lb/inch 4.5 lb/inch 2% 6.0 lb/inch 6.0 lb/inch 2% 6.0 lb/inch 6.0 lb/inch 2.5% 7.5 lb/inch 7.5 lb/inch 3% 9.0 lb/inch 8.4 lb/inch 4 16.8 lb/inch 16.8 lb/inch 1.5% 25.2 lb/inch 25.2 lb/inch 2% 33.6 lb/inch 2.5% lb/inch 2.5% 42.0 lb/inch 3% lb/inch Electrode Splicing EVHB 7 -	Minimum Pulley	mm			
Document	Diam.Normal Flex:	Inch	3 9/16		
Document					
Pull Force (kg/cm) at pretension of: 1% 3.0 1.5% 4.5 2% 6.0 2.5% 7.5 3% 9.0 Pull Force (lb/in) at pretension of: 1% 16.8 1.5% 25.2 2% 33.6 2.5% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7 -	Maximum Work	Kg/cm	21		
at pretension of: 1% 3.0 1.5% 4.5 2% 6.0 2.5% 7.5 3% 9.0 Pull Force (lb/in) at pretension of: 0.5% 8.4 1% 16.8 1.5% 25.2 2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7 -	Load	lb/inch	120		
at pretension of: 1% 3.0 1.5% 4.5 2% 6.0 2.5% 7.5 3% 9.0 Pull Force (lb/in) at pretension of: 0.5% 8.4 1% 16.8 1.5% 25.2 2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7 -					
1.5% 4.5 2% 6.0 2.5% 7.5 3% 9.0 Pull Force (lb/in) at pretension of: 0.5% 8.4 1% 16.8 1.5% 25.2 2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7	Pull Force (kg/cm)	0.5%	1.5		
2% 6.0	at pretension of:	1%	3.0		
2.5% 7.5 3% 9.0		1.5%	4.5		
3% 9.0		2%	6.0		
Pull Force (lb/in) at pretension of: 0.5% 8.4 1% 16.8 1.5% 25.2 2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7 -		2.5%	7.5		
at pretension of: 1% 16.8 1.5% 25.2 2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7 -		3%	9.0		
1.5% 25.2 2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7 -	Pull Force (lb/in)	0.5%	8.4		
2% 33.6 2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7	at pretension of:	1%	16.8		
2.5% 42.0 3% 50.4 Electrode Splicing EVHB 7 -		1.5%	25.2		
3% 50.4 Electrode Splicing EVHB 7 -		2%	33.6		
Electrode Splicing EVHB 7 -		2.5%	42.0		
		3%	50.4		
EVHB 9 ✓	Electrode Splicing	EVHB 7	-		
		EVHB 9	✓		

Notes:

- 1. Pull force relates to steel pulleys. Multiply given values by 0.9 for cast iron, 1.1 for rubber and 0.8 for wet smooth drums.
- 2. All values are nominal and to the best of our experience are true and accurate.
- 3. English dimensions have been converted from metric measurements.