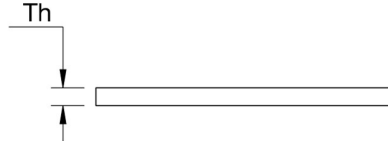


FHB

Flat, Solid Belt

Material:	Volta HB, 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 :	0.28
Aluminum :	0.26
Rubber :	0.40
UHMW	0.20



TYPE		FHB-2	FHB-3	FHB-4	FHB-5	FHB-6
Thickness	mm	2	3	4	5	6
Weight	kg/m ²	2.5	3.6	5.0	6.25	7.5
	lb/ft ²	0.5	0.74	1.0	1.25	1.48
Minimum Pulley:	mm	70	90	110	150	180
	Inch	2 ¾	3 9/16	4 ¾	5 ⅞	6 ½
Maximum Work Load	Kg/cm	14	21	28	35	42
	lb/inch	80	120	160	200	240
Pull Force (kg/cm) at pretension of:	0.5%	1.0	1.5	2.0	2.5	3.0
	1%	2.0	3.0	4.0	5.0	6.0
	1.5%	3.0	4.5	6.0	7.5	9.0
	2%	4.0	6.0	8.0	10.0	12.0
	2.5%	5.0	7.5	10.0	12.5	15.0
	3%	6.0	9.0	12.0	15.0	18.0
Pull Force (lb/in) at pretension of:	0.5%	5.6	8.4	11.2	14.0	16.8
	1%	11.2	16.8	22.4	28.0	33.6
	1.5%	16.8	25.2	33.6	42.0	50.4
	2%	22.4	33.6	44.8	56.0	67.20
	2.5%	28.0	42.0	56.0	70.0	84.0
	3%	33.6	50.4	67.2	84.0	100.8
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.

* Electrode welding not recommended for belt thicker than 5mm. FBW tool splicing is advisable.