

Machine tapes

High abrasion resistance · Reduced energy consumption

General information

BEHAbelt complements its versatile belt portfolio with the addition of elastic machine tapes made of TPU. Machine tapes have already been established on the market for many years and are often offered in green/black or blue/black versions with antistatic properties.

In addition to reinforced belt constructions, elastic versions are also used to adapt to the application requirements.



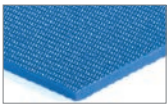
Advantages / Features

- Consistent longitudinal flexibility (due to homogeneous belt connection without gluing, design as transverse splice possible)
- Reduced energy consumption due to high longitudinal flexibility and thus also lower motor and shaft loads
- Excellent bending properties and thus ideally suited for small pulley diameters
- High abrasion resistance and generally good chemical resistance
- Continuous antistatic belt designs offer dissipation properties for antistatic charges on the upper and lower side of the belt.












Industries / Applications

- Packaging and weighing technology
- Intralogistics (mainly distribution belts)
- Textile industry
- Enveloping and mailing systems
- Printing, paper industry
- Alternative for vertical shaft drives

Machine tapes up to 750 mm



TOP SIDE: SLIGHTLY ROUGH (SR)

Bottom side	Color	Additional features	Quality	Hardness Shore	Profile thickness		Recommended min. pulley \varnothing		k1% static		k1% relaxed		Standard roll		Recommended pretension	Order No.
					mm	inch	mm	inch	N/mm	lbs/inch	N/mm	lbs/inch	m	ft		
 Fabric impression (FI)	UB		PU80A	84 A	1,0	0,039	10	0,40	0,29	1,65	0,25	1,40	50	164	1-5%	FBFJ750X10L
					1,2	0,047	10	0,40	0,35	1,98	0,30	1,68	50	164	1-5%	FBFJ750X12L
					1,6	0,062	15	0,60	0,47	2,64	0,40	2,24	50	164	1-5%	FBFJ750X16L
					2,0	0,078	20	0,80	0,59	3,29	0,50	2,78	50	164	1-5%	FBFJ750X20L
 Fabric impression (FI)	SW		PU80A PU65A	84 A 72 A	1,8	0,070	15	0,60	0,40	2,24	0,35	1,94	50	164	1-5%	FBFJG750X18L
					0,9	0,035	8	0,31	0,33	1,83	0,28	1,56	50	164	1-5%	FBFJ750X09LA
			PU80A	84 A	1,2	0,047	10	0,40	0,35	1,98	0,30	1,68	50	164	1-5%	FBFJ750X12LA
					1,6	0,062	15	0,60	0,47	2,64	0,40	2,24	50	164	1-5%	FBFJ750X16LA
			PU55D	55 D	1,1	0,039	15	0,60	0,65	3,60	0,50	2,78	50	164	0,5-3%	FBFN750X11L
					1,5	0,059	25	1,0	0,80	4,40	0,65	3,60	50	164	0,5-3%	FBFN750X15L
			PU55D PU65A	55 D 72 A	1,9	0,074	25	1,0	0,75	4,15	0,60	3,33	50	164	0,5-3%	FBFNG750X19L
						PU80A	84 A	1,2	0,047	10	0,40	0,35	1,93	0,30	1,68	50
		1,6	0,062	15				0,60	0,46	2,58	0,40	2,24	50	164	1-5%	FBFJ750X16SB
		 	PU80A PU65A	84 A 72 A	2,0	0,078	15	0,60	0,45	2,50	0,40	2,24	50	164	1-5%	FBFJG750X2S
	PU55D				55 D	1,1	0,039	15	0,60	0,65	3,60	0,50	2,78	50	164	0,5-3%
		1,5	0,059	25		1,0	0,80	4,40	0,65	3,60	50	164	0,5-3%	FBFN750X15S		
 	PU55D PU65A	55 D 72 A	1,9	0,074	25	1,0	0,75	4,15	0,60	3,33	50	164	0,5-3%	FBFNG750X19S		

Characteristics of soft/hard machine tapes

 We would be glad to advise you!
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	soft (PU80A)	hard (PU55D)
Center distances	short	long
Very good grip	yes	no
Accumulation	no	yes
Belt speed	medium	fast



Antistatic discharge material



Belt from 2 components (hardness)



Approved for direct contact with food.