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concept/design: das werbewerk - hamburg - germany 09/2001

Belts for the tobacco industry

The standard product range
Technical overview



PROCESS AND CONVEYOR BELTS

Article code	Topcover	Fabric	New nomenclature				Additional	Old nomenclature	Standard width mm	Max. available width mm	Belt thickness mm	Top hardness shore	F/E at 1%	Number of plies	Bottomcover thickness mm	Topcover thickness mm	Weight kg/m ²	Dia. flexing mm 20 °C	Dia. back flexing mm 20 °C	Temperature durability prolonged in °C	Temperature durability short in °C	FDA
			Tension/ number of plies	Bottom thick. / Profile	Topcover thick. / Profile	Colour																
560021	Fabric	EC	2/3	00 + 00	(NR) Natural		36(5-8)3(81)(0-0).006	1829	1829	1.7	N/A	2	3	N/A	N/A	1.95	25	38	-40 to 121	-40 to 121	✓	
560022	Fabric	EC	4/5	00 + 00	(NR) Natural		36(5-8)5(81)(0-0).006	1829	1829	2.7	N/A	4	5	N/A	N/A	2.9	50	76	-40 to 121	-40 to 121	✓	
560023	Fabric	EC	5/7	00 + 00	(NR) Natural		36(5-8)7(81)(0-0).006	1829	1829	3.7	N/A	5	7	N/A	N/A	4.4	64	100	-40 to 121	-40 to 121	✓	
560024	Fabric	EC	4/5	00 + C46	(NR) Natural		36(5-8)5(81)(46-0).006	1524	1524	4.8	44	4	5	N/A	N/A	2.1	4.5	64	152	-40 to 121	-40 to 121	✓
560028	Peflex	EZP	1/1	00 + 03	Tan		4651(67)(1-0)	1829	1900	2.4	85	1	1	N/A	N/A	0.5	2.2	50	127	-40 to 121	-40 to 121	✓
511155	Peflex	ESM	10/2	0 + P21	Transp.	AS FG	ESM 10/2 0+P21 PE Transp. AS	1500	1500	5.3	90A	10	2	-	1.0	3.1	100	160	-20 to 50	-50 to 70	✓	
513334	Peflex	ESF	3/1	P38 + 01	Beige	FG	ESF 3/1 P38+01 PE Beige	1500	1500	0.75	90A	3	1	0.1	0.1	0.8	20	40	-20 to 50	-50 to 70	✓	
513450	Peflex	ESF	9/3	00 + 00	Beige		ESF 9/3 00+00 PE :BE	1500	1500	2.0	-	9	3	Impr.	Impr.	2.1	80	100	-20 to 50	-50 to 70	✓	
513449	Peflex	ESF	12/4	00 + 00	Beige		ESF 12/4 00+00 PE :BE	1500	1500	2.7	-	12	4	Impr.	Impr.	2.7	110	150	-20 to 50	-50 to 70	✓	
513297	Peflex	ESF	15/5	00 + 00	Beige		ESF 15/5 00+00 PE :BE	1500	1500	3.7	-	15	5	Impr.	Impr.	3.6	150	220	-20 to 50	-50 to 70	✓	
193025	Peflex	EF	3/1	02 + 02	White	FG	EF 3/1 02+02 PE White	1600	-	0.7	-	3	1	0.2	0.2	0.6	20	-	+70	-20	✓	
510436	Peflex	ESM	5/1	02 + 02	Transp.	M2 AS	ESM 5/1 02+02 PE Transp. M2 AS	1500	3200	1.20	90A	10	1	0.2	0.2	1.2	30	40	-20 to 50	-50 to 70	✓	
510438	Peflex	ESM	10/2	0 + 02	Transp.	M2 AS	ESM 10/2 0+02 PE Transp. M2 AS	1500	3200	2.1	90A	10	2	-	0.2	1.9	40	60	-20 to 50	-50 to 70	✓	
510440	Peflex	ESM	15/3	0 + 02	Transp.	M2 AS	ESM 15/3 0+02 PE Transp. M2 AS	1500	3200	3.4	90A	15	3	-	0.2	3.2	120	180	-20 to 50	-50 to 70	✓	
513543	Peflex	ESM	10/2	0 + P32	Transp.	AS	ESM 10/2 0+P32 PE Transp. M2 AS	1600	2000	4.9	90A	10	2	-	1.4	3.5	100	160	-20 to 50	-50 to 70	✓	
511888	Peflex	ESF	10/2	P1 + 05	Transp.	M2 AS	ESF 10/2 P1+05 PE Transp. AS	1500	2000	2.80	90A	10	2	0.2	0.2	2.5	50	80	-20 to 50	-50 to 70	✓	
513692	Peflex	ESM	10/2	P17 + P32	Transp.	AS	ESM 10/2 P17+P32 VLD Transp. AS	1500	2000	5.2	90A	10	2	0.3	1.4	3.8	120	180	-20 to 50	-50 to 70	✓	
513561	Peflex	ESM	15/3	P1 + 03	Transp.	M2 AS	ESM 15/3 P1+02 PE Transp. M2 AS	1500	3200	3.6	90A	15	3	0.3	0.3	3.4	140	200	-20 to 50	-50 to 70	✓	
572220	Amtel	NPF	2/1	FE + 05	Ivory	FG	Amtel 1T4 222 FDA	1000	1000	1.4	40D	2	1	-	0.5	1	10	20	-20 to 80	-20 to 100	✓	
512861	Amtel	EM	8/2	0 + 045	Ivory	M2 AS FG	EM 8/2 0+045 HY Transp. M2 AS	1500	3000	1.9	90A	8	2	-	0.45	2.2	40	70	-20 to 110	-40 to 130	✓	
511472	Amtel	EX05	12/3	0 + 045	Ivory	M2 FG	EMM 12/3 0+045 HY Transp. M2	1500	3000	3.1	90A	12	3	-	0.45	3.5	120	160	-20 to 110	-40 to 130	✓	
500886	Amtel	EM	8/2	0 + P7	Ivory	FG	EM 8/2 0+P7 HY Transp.	1500	1500	2.9	90A	8	2	-	0.8	2.4	40	80	-20 to 110	-40 to 130	✓	
513784	Amtel	EM	8/2	0 + P32	Ivory	AS FG	EM 8/2 0+P32 HY Transp. AS	1500	2000	4.6	90A	8	2	-	1.3	3.5	100	160	-20 to 110	-40 to 130	✓	
513355	Amtel	EM05	8/2	P17 + P34	Ivory	FG	EMM 8/2 P17+P34 HY Transp.	1500	1500	5.2	90A	8	2	0.3	1.4	4.5	-	-	-20 to 110	-40 to 130	✓	
512260	Amtel	EM	8/2	P17 + 03	Ivory	AS FG	EM 8/2 P17+03 HY Transp. AS	1500	3000	2.1	90A	8	2	0.3	0.3	2.5	50	80	-20 to 110	-40 to 130	✓	
510855	Amtel	EM	4/1	P17 + 03	Ivory	M2 FG	EM 4/1 P17+03 HY Transp. M2	1500	3000	1.2	90A	4	1	0.3	0.3	1.0	40	60	-20 to 110	-40 to 130	✓	
513354	Amtel	EM05	8/2	P17 + 03	Ivory	FG	EMM 8/2 P17+03 HY Transp.	1500	3000	2.5	90A	8	2	0.3	0.3	2.6	70	100	-20 to 110	-40 to 130	✓	
512810	Amtel	EM	8/2	P17 + P35	Ivory	AS FG	EM 8/2 P17+P35 HY Transp. AS	1500	1500	3.1	90A	8	2	0.3	0.3	2.3	60	100	-20 to 110	-40 to 130	✓	
559200	PPA	EM	7/1	00 + 00	White	AS	EM 7/1 00 + 00 PES	5000	5000	0.6	92A	7	1	Impr.	-	0.4	8	8	-10 to 90	-10 to 90	✓	
511022	Fabric	EM	8/2	0 + 0	(AM) Ivory		EM 8/2 0+0 HY	1500	3000	1.6	-	8	2	-	-	1.7	40	40	-20 to 110	-40 to 130		
500131	Fabric	ESM	8/2	0 + 0	Transp.		SM 8/2 0+0 PVC	2000	2000	2.5	-	5	2	-	-	2.2	50	80	-10 to 80	-10 to 90		
500852	Amtel	EM	8/2	0 + 045	Ivory	M2	EM 8/2 0+045 HY M2	1500	3000	1.9	90A	8	2	-	0.45	2.2	40	70	-20 to 110	-40 to 130		
500356	Ropanyl	EM	8/2	00 + P7	White		EM 8/2 00+P7 PU White	1500	1500	2.9	87A	8	2	Impr.	1.0	2.7	70	120	-20 to 60	-30 to 90	✓	
511462	PPA	EM	8/2	0 + P7	Transp.		EM 8/2 0+P7 PPA	1500	1500	2.9	75A	8	2	-	1.0	2.5	40	80	-20 to 60	-40 to 90		
555116	Fabric	EM	12/2	0 + 0	Black	AS	EM 12/2 0+0 PVC	2000	-	1.9	-	14	2	-	-	1.9	30	30	-10 to 80	-		

HIGH PERFORMANCE FLAT BELTS

Article code	Description	Tension member material	Topside cover	Topside surface	Topside colour	Bottomside cover	Bottomside surface	Bottomside colour	Total thickness (mm)	Weight per unit kg/m ²	Production width max. (mm)	Min. pulley diameter (mm)	Tensile force per mm belt width at 1% elongation N/mm	Max. permissible constant temperature in °C	Min. permissible constant temperature in °C	Antistatic	Coefficient of friction bottomsides to steel driving pulley	Drive belt	Slider bed belt	Roller support belt	Machine belt
54089	FF04	Polyamidfoil	Polyamidfoil	Smooth	Grey	Polyamidfoil	Smooth	Grey	1.3	1.3	580	50	4	+80	-10	✓	0.2	✓	✓	✓	✓
54054	TT04	Polyamidfoil	Polyamidfabric	Fabric	Blue	Polyamidfabric	Fabric	Blue	1.2	1.2	580	20	4	+80	-10	✓	0.2	✓	✓	✓	✓
54099	GG04/R	Polyamidfoil	Nitrilrubber	Rough patterned	Blue	Nitrilrubber	Rough patterned	Blue	1.8	2.1	580	20	4	+80	-10	✓	0.6	✓	✓	✓	✓