

PVC BANTLAR



ÇAĞRI[®]
ENDÜSTRİ A.Ş.

ALHAN[®]

PVC BANTLAR / PVC CONVEYOR BELTS



PVC KODLAMA SİSTEMİ/PVC CODING SYSTEM

ÖZELLİKLER/PROPERTIES

Yüksek sürtünme ve aşındırma dayanımı
Hing Corrosion and Abrasion resistance
Asit, yağ dayanımı/Acid, Oil resistance
Ölçü sabitliği/Dimensional stability
Esneklik/Flexibility
Statik ve anti statik özellikler/Static and anti-static properties
FDA'ya uygunluk/FDA approval
Hafif ve sessiz olması/Light weight and silent



[A]

Kumaş tipi / Fabric type

Mukavemet kat sayısı / Number of plies or solid-woven metarial

Alt yüzey kaplaması / Underside coating**

Ara yüzey kaplaması / Intermediate layer

Üst yüzey kaplaması / Top face coating

Yüzey deseni (alt-üst yüzey)/Underside (Top face pattern)

**Kaplama kalınlığı: x 10 mm

**Coating thickness: x 10 mm

A	60	/	2	UO	/	V5	/	V10	gbtr / gl
A	12	/	M	V1	/			V10	

MUKAVEMET KAT SAYISI/DESIGN

Polyester bez katı/Number of fabric plies
Kalın özel kısa elyaf polyester örgü
Solid-woven metarial

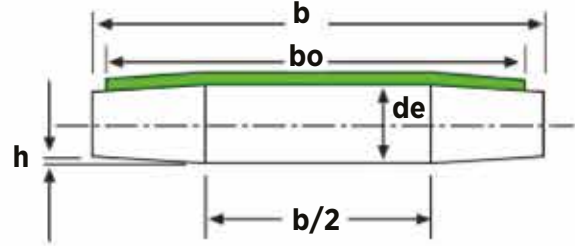
YÜZEY KAPLAMALARI/COATINGS

Emdirme ürethan/Urethane impregnated
Poliürethan/Urethane
Sert poliürethan/Hard urethane
PVC/PVC
Sert PVC/Hard PVC
Polyester dokuma/Mixed cotton fabric
Kauçuk/Rubber
Pamuklu dokuma/Cotton Fabric

Sembol/Symbol

1-2-3-4
M

UO
U
U...H
V
V...H
O
G
P



Koniklik hesaplaması/Taper calculation
 $h=(de+95)/500$ [mm]

Bant genişlik hesaplaması/Belt width calculation
 $bo=(b-5)/1.1$ [mm]

YÜZEY DESENLERİ/TOP FACE TEXTURES

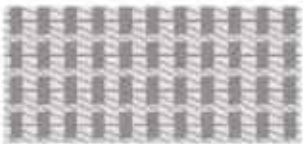
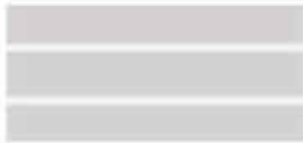
Tutucu pürüzlü yüzey/Rough-top surface
Normal tekstil deseni/Fine textured surface
Kalın örgü tekstil deseni/Coarse textured surface
Nokta deseni/Dot patterns
Parlak düz yüzey/Glossy surface
Mat yüzey/Matt surface

AR
STR
GSTR
NT
GL
MT



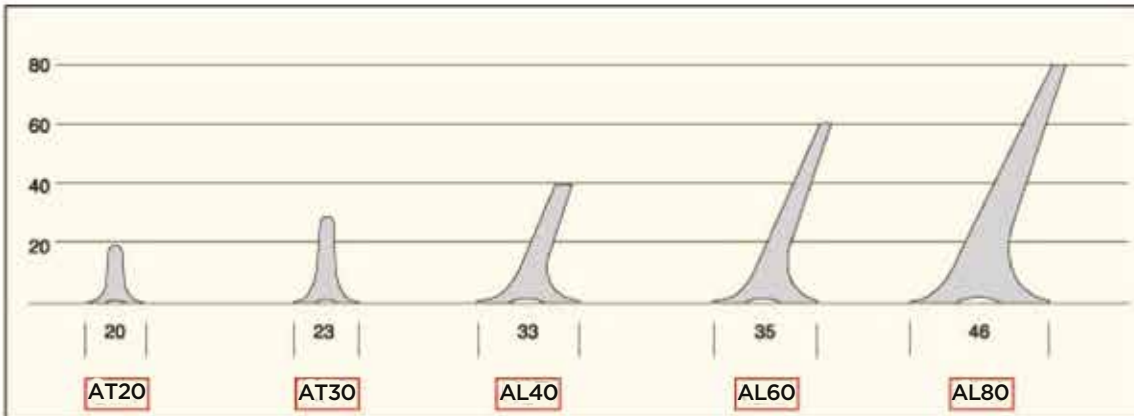
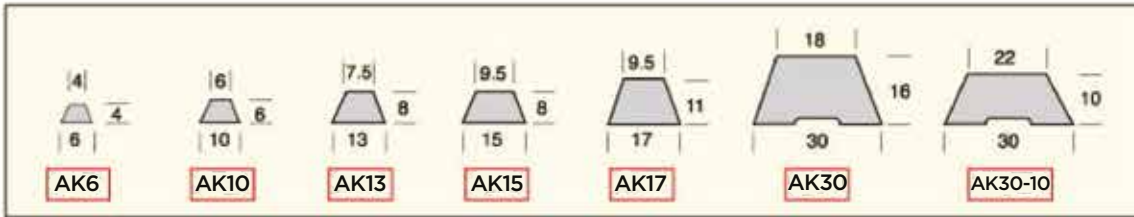
PVC BANT SEÇİMİ / PVC CONVEYOR BELTS CHOICE

Teknik Bilgi Technical Data	Toplam Kalınlık Total Thickness (mm)	Ağırlık Weight (kg/m)	d min. (mm)	Yaklaşık Değer SD value, approx (N/mm width)	Mücade edilen çalışma sıcaklığı Permissible operating temperature	Azami ürün genişliği Maximum production width (mm)	FDA'ya uygunluk Conforms to FDA regulations	Antistatik Antistatic	Keskin köşe uygunluğu Suitable for knife-edge	Oluk Troughable	Eğimli konveyör Inclined conveying	Yüzey Patterned conveying	Üst düzey profil/Profils on the top face possible
Poliüretan Tipi / Polyurethane Type													
A 4101 U-MT FDA	beyaz/white	0.65	0.65	r 3-8	3	-30° / +100°	2000	•		•	•		
A 5101 U-GL FDA	beyaz/white	0.75	0.80	r 3-8	4	-30° / +100°	2000	•		•			
A 6101 U-GL FDA	beyaz/white	1.10	1.15	r 3-8	4	-30° / +100°	2000	•	•	•			
A 7201 U-MT FDA	beyaz/white	1.15	1.20	r 3-8	6	-30° / +100°	2000	•	•	•			
A 8201 U-MT FDA	beyaz/white	1.30	1.40	r 3-8	7	-30° / +100°	2000	•		•			
A 9201 U-GL FDA	beyaz/white	1.40	1.45	r 3-8	8	-30° / +100°	2000	•	•	•			•
A 8251 U-GL FDA	beyaz/white	2.00	2.30	20	8	-30° / +100°	2000	•					•
A 8/MU1/U10 FDA	beyaz/white	2.75	2.35	60	8	-30° / +100°	2000	•		•			•
A 16/MU1/V10/U10 FDA	mavi/blue	3.60	3.45	90	14	-30° / +100°	2000	•					•
A 60/2 U0/V5/U10 FDA	mavi/blue	2.60	3.25	65	8	-30° / +100°	2000	•					•
A 60/2U0/V5/U20 FDA	mavi/blue	3.70	4.20	80	8	-30° / +100°	2000	•					•
Pvc Tipi / PVC Type													
A 30/1 U0/V10	beyaz/white	1.5	1.85	22	4	-10° / +70°	2100		•				
A 30/1 U0/V10 FDA	beyaz/white	1.5	1.85	22	4	-10° / +70°	2100	•					
A 30/1 U0/V10	yeşil/green	1.5	1.85	22	4	-10° / +70°	2100		•				
A 30/1 U0/V10-NT	yeşil/green	1.85	1.90	22	4	-10° / +70°	2100		•		•	•	
A 30/1 U0/V10-NT	beyaz/white	1.85	1.90	22	4	-10° / +70°	2100		•		•	•	
A 40/2 O/V/O	transp./saydam	2.95	2.10	50	4	-30° / +100°	1600	•		•			
A 50/2 U0/O	transp./saydam	1.35	1.40	30	5	-30° / +100°	1600			•			
A 50/2 U0/P	transp./saydam	1.4	1.45	30	5	-30° / +100°	1300			•			
A60/2 U0/U0	transp./saydam	1.1	1.05	r 3-8	8	-30° / +100°	2100		•	•			
A60/2 U0/V5/U0	transp./saydam	1.3	1.70	25	8	-10° / +70°	2100		•				
A60/2 U0/V10/U0	transp./saydam	1.8	2.30	30	8	-10° / +70°	2100		•				
A60/2 U0/V10	beyaz/white	1.9	2.35	30	8	-10° / +70°	2100		•				
A60/2 MARKET	siyah/black	1.7	1.65	30	5	-10° / +70°	1600		•	•			
A60/2 U0/V5/V5	beyaz/white	2.1	2.45	40	8	-10° / +70°	2100		•				
A60/2 U0/V5/V5 FDA	beyaz/white	2.1	2.45	40	8	-10° / +70°	2100	•	•				
A60/2 U0/V5/V5	yeşil/green	2.1	2.45	40	8	-10° / +70°	2100		•				
A60/2 U0/V5/V10	beyaz/white	2.7	2.90	55	8	-10° / +70°	2100		•				•
A60/2 U0/V5/V10 FDA	beyaz/white	2.7	2.90	55	8	-10° / +70°	2100	•	•				•
A60/2 U0/V5/V10	yeşil/green	2.7	2.90	55	8	-10° / +70°	2100		•				•
A60/2 U0/V5/V10	siyah/black	2.7	2.90	55	8	-10° / +70°	2100		•				•
A60/2 U0/V5/V10 gstr	beyaz/white	2.7	2.90	55	8	-10° / +70°	2100		•		•	•	
A60/2 U0/V5/V10 gstr	yeşil/green	2.7	2.90	55	8	-10° / +70°	2100		•		•	•	
A60/2 U0/V3/V7 gstr	siyah/black	2.1	2.30	45	8	-10° / +70°	2100		•		•	•	
A60/2 U0/V10/V10	beyaz/white	3.1	3.50	65	8	-10° / +70°	2100		•				•
A60/2 U0/V10/V10 FDA	beyaz/white	3.1	3.50	65	8	-10° / +70°	2100	•	•				•
A60/2 U0/V10/V10	yeşil/green	3.1	3.50	65	8	-10° / +70°	2100		•				•
A60/2 U0/V10/V10	siyah/black	3.1	3.50	65	8	-10° / +70°	2100		•				•
A60/2 V7/V7 gstr/gl	yeşil/green	2.65	2.85	60	8	-10° / +70°	2100		•	•			•
A60/2 U0/G10 gstr	ackıyeşil/light green	1.7	1.80	50	8	-20° / +90°	1500		•	•			
A60/2 U0/G20 AR	ackıyeşil/light green	5.8	4.40	80	8	-20° / +90°	1400		•		•	•	
A60/2 U0/V20 AR	beyaz/white	5.5	4.30	60	8	-20° / +70°	1450		•		•	•	
A60/2 U0/V20 AR	yeşil/green	5.5	4.30	60	8	-20° / +70°	1450		•		•	•	
A60/2 U0/V25 AR	siyah/black	6.2	4.45	65	8	-20° / +70°	1450		•		•	•	
A 70/3 P/P	transp./saydam	2.3	2.10	65	7	-30° / +100°	1300		•	•			
A 70/3 M/M	transp./saydam	2.1	1.95	65	7	-30° / +100°	1600		•	•			
A 90/3 U0/U1	transp./saydam	1.85	1.60	40	12	-30° / +100°	2100		•		•		
A 90/3 U0/2V5/U1	transp./saydam	2.8	3.00	85	12	-10° / +70°	2100		•		•		
A 90/3 U0/2V5/U10	yeşil/green	3.7	4.20	85	12	-10° / +70°	2100		•				•
A 90/3 U0/2V5/U10H	beyaz/white	3.7	4.20	85	12	-10° / +70°	2100		•				•
Z100/4 O/O	transp./saydam	3.8	2.40	100	12	-30° / +100°	1600		•				
A 12/M V1/V10 FDA	beyaz/white	3.0	3.30	50	8	-10° / +70°	1400	•		•			•
A 12/M V1/V10	yeşil/green	3.0	3.30	50	8	-10° / +70°	1400			•			•
A 24/2 U0/V10/V10	beyaz/white	4.0	4.40	75	12	-10° / +70°	2000		•				•
A 24/2 V10/V10	beyaz/white	4.0	4.40	80	12	-10° / +70°	2000		•				•
A 24/2 U0/V10/V10	yeşil/green	4.0	4.40	75	12	-10° / +70°	2000		•				•
A 24/2 U0/V20 NT	yeşil/green	5.0	5.40	140	12	-10° / +70°	2000		•		•	•	•
A 24/2 U0/V30 NT	yeşil/green	6.0	7.20	150	12	-10° / +70°	2000		•			•	•
A 24/2 U0/V40 NT	yeşil/green	7.0	8.30	160	12	-10° / +70°	2000		•			•	•
A 24/2 U0/V30/V50 NT	yeşil/green	9.5	11.0	280	12	-10° / +70°	2000		•			•	•
A 24/2 U0/V20 NT	yeşil/green	7.0	8.30	220	18	-10° / +70°	2000		•			•	•
A 48/4 U0/V20 gstr	yeşil/green	9.0	10.6	300	24	-10° / +70°	1600		•			•	•

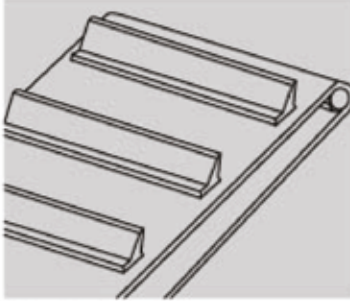
YÜZEY PROFİLLERİ / SURFACE PATTERN**Tip / Type : A****Tip / Type : K****Tip / Type : B****Tip / Type : L****Tip / Type : C****Tip / Type : M****Tip / Type : D****Tip / Type : N****Tip / Type : E****Tip / Type : Q****Tip / Type : G****Tip / Type : V****Tip / Type : G1****Tip / Type : W****Tip / Type : H****Tip / Type : X****Tip / Type : Z**

TAŞIYICI KANATLAR / CLEATS (FLIGHTS)

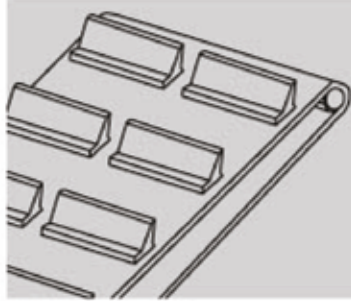
Tip Type	Renk Colour		Ağırlık Weight	Yan Profiller Lateral Profiles Dmin	Boylamsal Profiller Longitudinal Profiles Dmin	
	Yeşil Green	Beyaz White			Alt yüzey Underside	Üst yüzey Top face
AK 6	X	X	25	30	40	30
AK 10	X	X	60	50	70	60
AK 13	X	X	100	80	95	70
AK 15	X	X	120	90	100	80
AK 17	X	X	180	110	110	90
AK 30	X		470	180	230	180
AK 30-10	X		310	180	170	160
AL 40	X	X	470	100	-	-
AL 60	X	X	600	100	-	-
AL 80	X	X	1200	140		-
AT 20	X	X	140	90	-	-
AT 30	X	X	180	90	-	-



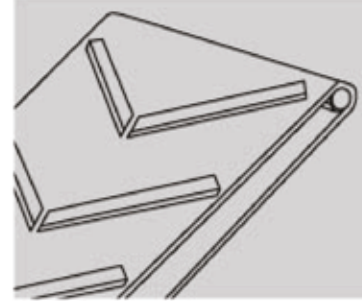
PROFİL TASARIM UYGULAMALARI / PROFILES DESIGN AND APPLICATIONS



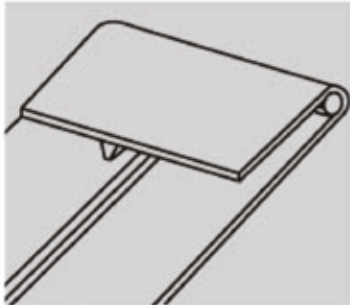
Tek taşıyıcı kanatlı
Single transverse cleat



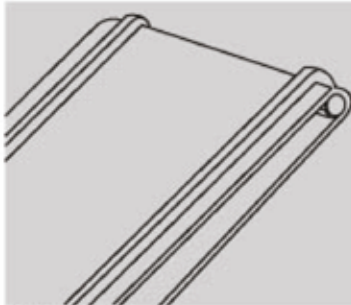
Çift taşıyıcı kanatlı
Double transverse cleat



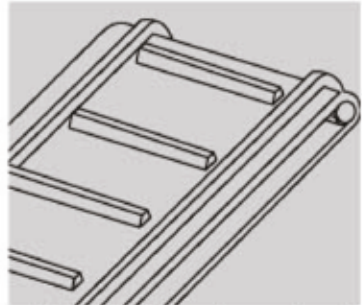
V profil
V profile



Klavuzlu
Inner tracking guide

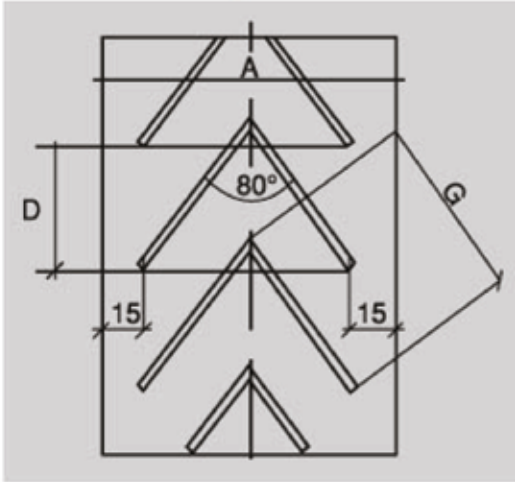


Yan destekli
Retaining sidewalls



Tek kanatlı ve yan duvar destekli
Single transverse cleat with retaining sidewalls

Dikey V profil
V profile (Vertical)



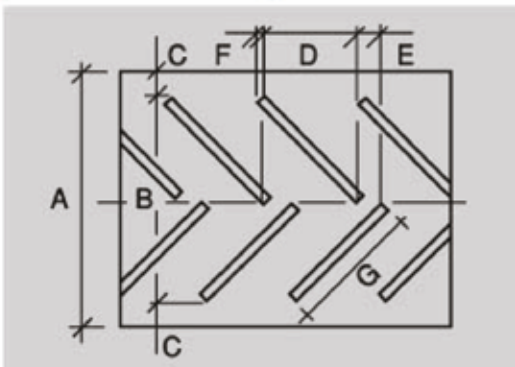
Meyilli konveyörlerde bant yüzeylerine profil uygulamaları yapılmaktadır.
Incline conveyors occasionally require belts with profiles or cleats on the carrying surface.

Profil uygulanmış bant azami 70° eğimde taşıma yapar.
Optimum conveying capacity can be achieved up to angles of 70° by this means.

Ölçüler / Dimensions mm

	300	400	500	600	700	800	900	1000	1200	1500
A	300	400	500	600	700	800	900	1000	1200	1500
G	210	288	366	444	522	599	677	755	910	1144
D	120	180	240	300	355	410	470	530	650	830

Yatay V profil
V profile (Horizontal)



Ölçüler / Dimensions mm

	400	500	600	650	800	1000	1200
A	400	500	600	650	800	1000	1200
B	300	400	450	480	600	800	900
C	50	50	75	85	100	100	150
D	180	205	210	225	286	348	390
E	20	20	20	20	20	20	20
F	18	18	24	30	50	60	60
G	250	300	325	350	450	550	600

BANT ÜST YÜZEYLERİ / BELT TOP SIDES

		Renk Colour	Özel karakterleri Special characteristics	Sertlik Hardness	Derece (°C) Temperature
PVC	PVC	Yeşil - Beyaz - Mavi 06 Green - White - Blue 06	FDA, Antistatik, Yağ direnci FDA, Antistatic, Oil resistant	70° ShA	-10 +80
PU	Poliüretan Polyurethane	Yeşil - Beyaz Green - White	FDA, Yağ direnci FDA, Oil resistant	85° ShA	-10 +100
PO	Polyolefin Polyolefine	Saydam Transparent	FDA, Yağ direnci FDA, Oil resistant	50° ShA	-10 +50
TPE	Polyester Polyester	Doğal Natural	FDA, Yağ direnci FDA, Oil resistant	40° ShA	-20 +105

FDA (Amerikan Gıda Kuruluşu)



BANT YÜZEYİNE KULLANILAN PROFİLLER / RECOMMENDATION FOR PROFILE ATTACHMENT

Malzeme ve profil tip Material and type of profile	Minimum kaplama kalınlığı Minimum cover thickness
PVC	yükseklik 40 ve 60 mm height 40 and 60 mm
	yükseklik 40, 60 and 80 mm height 40, 60 and 80 mm
	yükseklik 40, 60 and 80 mm height 40, 60 and 80 mm
PU TPE	tüm tipler all types
PO	tüm tipler all types

-Profil uygulanacak bantta polyester kaplama kalınlığı miktarı en az 2 kat olmalıdır.

-Profile attachmet is best carried out on 2 or more type belts. Minimum cover thickness for profile type are given textside.



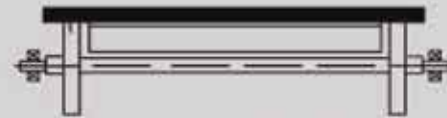
-Üst yüzeyde, bant malzeme kalınlığı en az üstte bulunan tablo değerinde olmalıdır.
-According to above table, you can use this data for belt's thickness.

-Tavsiye edilen ölçülerin dışındaki ek bilgilere ulaşmak için lütfen teknik bölüme başvurunuz.
-You should need additional information regarding recommended sizes, please contact our technical.

DESTEK KASNAKLARI / BELTS SUPPORT ON THE RETURN SIDE



1-Bant boyuna uygulanmış ZK profiller için silindirik tambur kullanılabilir.
1- For ZK profiles with length to use cylindrical pulley.



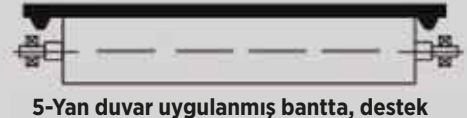
2-Enine ZL ve ZT profil uygulanmış bantlar için silindirik tambur kullanılabilir.
2-For ZL and ZT profiles width to applications belts to using cylindrical pulley.



3-Enine çift sıra profil uygulamalarında üçlü kasnak kullanılabilir.
3-For double row profiles applications to use triple wheels.



4-Kaymaları önlemek için, bant alt boyuna uygulanan profil için, tahrik tamburu altına baskı rulosu kullanılabilir.
4- For antislip, for applying below height profiles using the press roller under driving pulley.



5-Yan duvar uygulanmış bantta, destek rulosu yan duvarlar arası mesafeden daha dar olarak uygulanabilir.
5-Applying sidewalls for belts, support roller applying more narrow distance between the sidewalls.

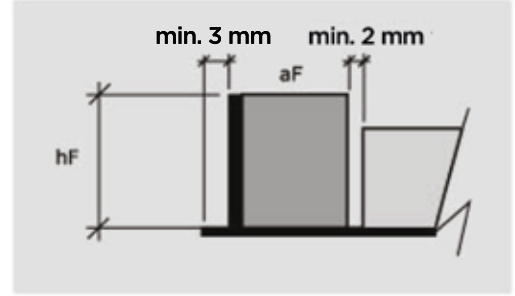


6-Üst yüzeye yan duvar ve enine profil uygulanmış bantlara silindirik destek rulosu uygulanabilir.
6-Sidewalls and applying for width profiles using cylindirc support roller.

YAN DUVAR / SIDEWALLS



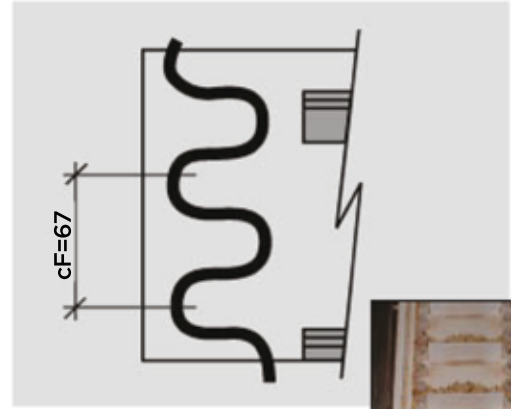
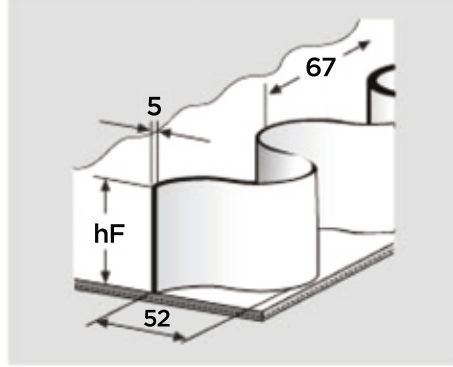
Tip Type	Renk Colour		Yükseklik Height hF	Ağırlık Weight	Dmin
PVC	Yeşil Green	Beyaz White	mm	gr / m	mm
AFW40	X	X	40	430	120
AFW60	X	X	60	650	150
AFW80	X	X	80	870	160
PU	Mavi Blue	Beyaz White	mm	gr / m	mm
AFU40	X	X	40	253	80
AFU60	X	X	60	360	110



*Kanat ve yan destek arası payı 2-5 mm arasındır
*The minimum margin of 2 mm is increased to 5 mm width transverse cleats.



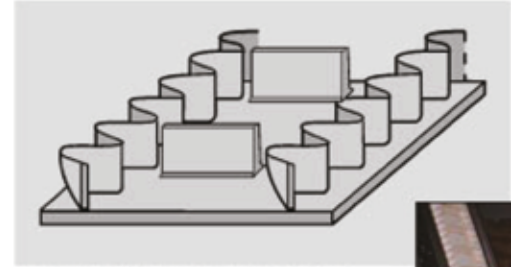
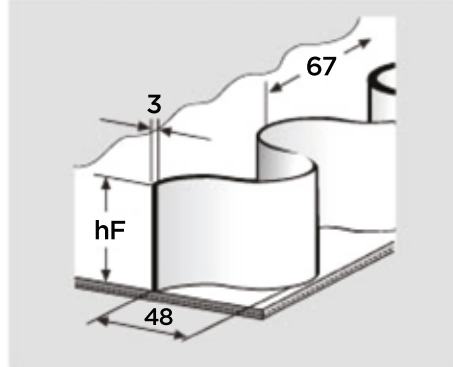
PVC YAN DUVAR / PVC SIDEWALLS



cF: Hatve/Pitch



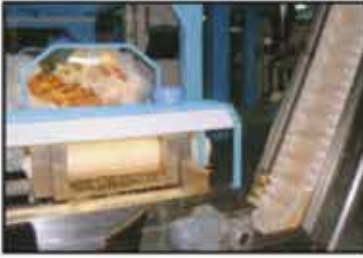
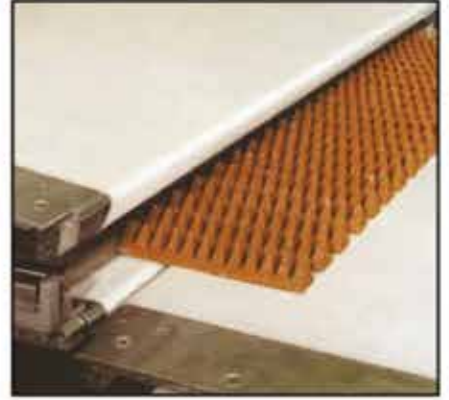
ÜRETAN DUVAR / URETHANE SIDEWALLS



Taşıyıcı kanatlar arası mesafe en az 25 mm olması gerekir.
The length of the transverse cleats should be a multiple of 25 mm.

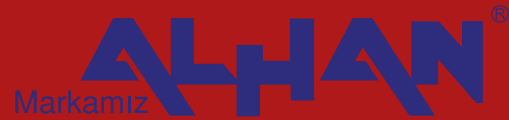


PVC BANT UYGULAMALARI / PVC CONVEYOR BELTS APPLICATIONS



PVC BANT UYGULAMALARI / PVC CONVEYOR BELTS APPLICATIONS





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