

PVC/PU **Lightrans** CONVEYOR BELT



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Exwill Lightrans produces conveyor and process belts for light and medium duty in all industrial and service sectors. Exwill belts are able to meet with all types of conveyors, whether horizontal, roller supported, troughed and inclined, etc.



• Special Features

- Robust
- Longitudinally flexible
- Don't need to change dimensions
- Good environment & low noise during operation
- Light weight with low overall thickness
- Low elongation
- Economical conditions
- Small drum diameters
- Easy to maintenance
- Good working circumstance
- Simple method / convenient to put into machinery
- Small take-up ranges

• Applications

Light duty PVC/PU conveyor belts are available for the various application in all industries.

- Food handling
- Wood industry
- Corrugated boxboard
- Textile industry
- Metal sheet industry
- Package handling
- Distribution center
- Fish/fruit industry

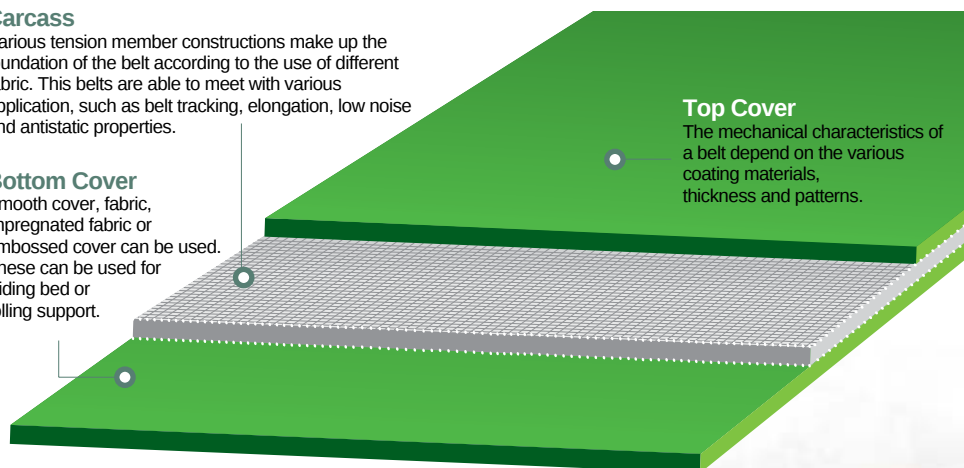
• Structure

Carcass

Various tension member constructions make up the foundation of the belt according to the use of different fabric. This belts are able to meet with various application, such as belt tracking, elongation, low noise and antistatic properties.

Bottom Cover

Smooth cover, fabric, impregnated fabric or embossed cover can be used. These can be used for sliding bed or rolling support.



Covers

Exwill lightrans is very flexible to have various covers with different colors according to customer's requiring as a non-standard covers or surface.

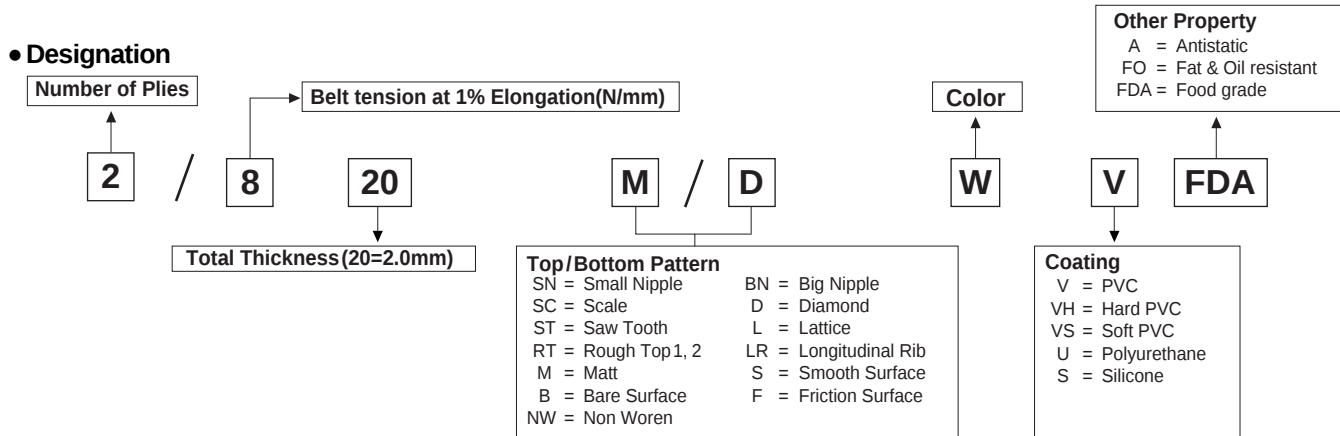
FDA Belts

Exwill FDA belts are proper for conveying foodstuffs with resistance to animals and vegetable oils and fats which can meet with FDA standards.

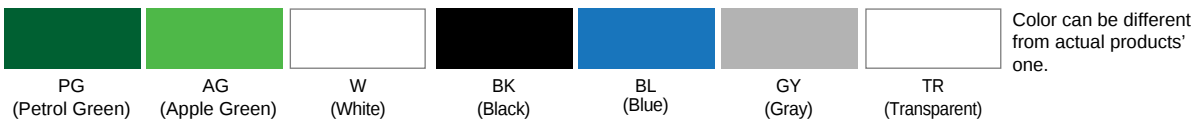


PVC/PU DIMENSION

• Designation



• Color



PVC Dimension

Belt code	Top Cover (mm)				Bottom Cover (mm)			
	Material	Color	Thickness	Surface	Material	Color	Thickness	Surface
4/35 90 SN/F PG V	PVC	Petrol Green	2.0	Small nipple	PVC	Light Green	0.1	Impregnated
2/8 30 NW/B BK V A	PVC	Black	1.5	Non-woven cotton		Natural	0	Fabric
2/8 30 S/B AG V A	PVC	Apple Green	1.0	Smooth		Natural	0	Fabric
2/10 30 LR/B AG V	PVC	Apple Green	1.5	Longitudinal Lib		Natural	0	Silent Fabric
2/8 20 D/B AG V A	PVC	Apple Green	0.5	Diamond		Natural	0	Fabric
3/13 40 S/B AG V A	PVC	Apple Green	1.0	Smooth		Natural	0	Fabric
2/10 50 RT1/B AG V	PVC	Apple Green	3.0	Rough Top1		Natural	0	Silent Fabric
2/8 20 S/B AG V A	PVC	Apple Green	0.5	Smooth		Natural	0	Fabric
2/8 18 B/B W V A	PVC	White	-	Fabric		Natural	0	Fabric
2/10 60 RT2/B AG V	PVC	Apple Green	4.0	Rough Top2		Natural	0	Silent Fabric
2/8 20 S/B W V	PVC	White	0.5	Smooth		Natural	0	Fabric
2/8 27 L/B PG V A	PVC	Petrol Green	1.5	Lattice		Natural	0	Fabric
2/8 30 B/B W V	PVC	White	-	Cotton		Natural	0	Cotton
2/8 20 M/B PG V	PVC	Petrol Green	0.5	Matt		Natural	0	Fabric
2/8 30 S/D W V	PVC	White	1.0	Smooth	PVC	White	1.0	Diamond
3/13 50 S/D AG V A	PVC	Apple Green	1.0	Smooth	PVC	Apple Green	1.0	Diamond
2/8 30 S/D AG V A	PVC	Apple Green	1.0	Smooth	PVC	Apple Green	1.0	Diamond
2/8 20 S/B BK V	PVC	Black	0.5	Smooth		Natural	0	Fabric
2/8 40 NW/B BK V A	PVC	Black	2.5	Non-woven cotton		Natural	0	Fabric
2/8 60 BN/B AG V	PVC	Apple Green	4.0	Big nipple		Natural	0	Fabric
2/8 90 SC/B PG V	PVC	Petrol Green	7.0	Scale		Natural	0	Fabric
2/8 20 M/B BK V A	PVC	Black	0.5	Matt		Natural	0	Fabric
2/8 20 S/B W V FDA	PVC	White	0.5	Smooth		Natural	0	Fabric
2/8 30 S/B W V FDA	PVC	White	1.0	Smooth		Natural	0	Fabric
3/13 40 S/B W V FDA	PVC	White	1.0	Smooth		Natural	0	Fabric
2/8 30 S/D W V FDA	PVC	White	1.0	Smooth	PVC	White	1.0	Diamond

PU Dimension

2/10 15 M/F W U A FDA	PU	White	0.5	Matt		Natural	0.1	Impregnated
2/10 14 M/F AG U A FDA	PU	Apple Green	0.5	Matt		Natural	0.1	Impregnated

Inclined conveying : Belts with embossed top covers for inclined or declined conveyors. The conveying angles that can be used here depend on the type of goods, the top face coating and external influences such as dust, moisture etc. Exwill Lightrans supplies belts with patterns for inclined conveying.

Patterns for inclined conveying

Exwill Lightrans has developed and optimised a variety of surface textures for various applications. With Exwill patterned belts, an angle of incline of up to 30° can be achieved without profiles.

■ **SN**
W : ~1,800mm



■ **RT1**
W : ~2,000mm



■ **BN**
W : ~2,000mm



■ **RT2**
W : ~2,000mm



■ **D**
W : ~2,000mm



■ **SC**
W : ~1,600mm



■ **LR**
W : ~2,000mm



■ **L**
W : ~2,000mm



Special Characteristics	Temp.(°C)		Fabrics		Total Thickness mm	F		Load (N/mm)		Max.Width mm	Length m
	Min.	Max.	Plies	Weft				Breaking Load	1%		
	-10	80	4	Rigid	9.0	300	350	400	35	1800	50
Antistatic	-10	80	2	Rigid	3.0	60	80	120	8	1000	100
Antistatic	-10	80	2	Rigid	3.0	60	80	120	8	2000	100
	-10	80	2	Rigid	3.0	60	80	120	8	2000	100
Antistatic	-10	80	2	Rigid	2.0	40	60	120	8	2000	100
Antistatic	-10	80	3	Rigid	4.0	80	100	170	13	2000	100
	-10	80	2	Rigid	5.0	60	80	130	10	2000	100
Antistatic	-10	80	2	Rigid	2.0	40	60	120	8	2000	100
Antistatic	-10	80	2	Rigid	1.8	40	60	120	8	2000	100
	-10	80	2	Rigid	6.0	60	80	130	10	2000	100
	-10	80	2	Rigid	2.0	40	60	120	8	2000	100
Antistatic	-10	80	2	Rigid	2.7	60	80	120	8	2000	100
	-10	80	3	Rigid	3.0	60	80	170	13	1800	100
	-10	80	2	Rigid	2.0	40	60	120	8	2000	100
	-10	80	2	Rigid	3.0	80	80	120	8	2000	100
Antistatic	-10	80	3	Rigid	5.0	100	100	170	13	2000	100
Antistatic	-10	80	2	Rigid	3.0	80	80	120	8	2000	100
	-10	80	2	Rigid	2.0	40	60	120	8	2000	100
Antistatic	-10	80	2	Rigid	4.0	80	80	120	8	1000	100
	-10	80	2	Rigid	6.0	60	80	120	8	2000	50
	-10	80	2	Rigid	9.0	80	100	120	8	1600	50
Antistatic	-10	80	2	Rigid	2.0	40	60	120	8	2000	100
FDA	-10	80	2	Rigid	2.0	40	60	120	8	2000	100
FDA	-10	80	2	Rigid	3.0	60	80	120	8	2000	100
FDA	-10	80	3	Rigid	4.0	80	100	170	13	2000	100
FDA	-10	80	2	Rigid	3.0	80	80	120	8	2000	100
Antistatic/FDA	-15	90	2	Rigid	1.5	30	40	140	10	2000	100
Antistatic/FDA	-15	90	2	Rigid	1.4	30	40	140	10	2000	100