2M12 U0-V5 FR

COMPOSITION

Conveying surface

Material	PVC 80 Sh.A (±5)
Thickness	0.50 mm *0.020 in.*
Surface pattern	Smooth
Colour	Black
Coefficient of friction	LF

Textile carcass

Material	Polyester (PET)
Plies no.	2
Weft type	Rigid

Driving surface

Material	Fabric with polyurethane (TPU) impregnation
Thickness	--- mm --- *in.*
Surface pattern	LdB fabric
Colour	Grey

TECHNICAL SPECIFICATIONS

Total thickness	2.20 mm	0.09	*in.*
Weight	2.40 kg/m²	0.49	*lbs./sq.ft*
Elongation at 1%	12 N/mm	69.0	*lbs./in.*
Max. admissible pull	24 N/mm	137.0	*lbs./in.*
Temperature resistance [1]	min.	-10 °C	14 °F
	max.	60 °C	140 °F

[1] Use of the belt with limit values may reduce its life.

Minimum radius / diameter [2]

■ Knife edge minimum radius		no	
■ Bending roller min. diameter		50 mm	*1.97 in.*
■ Counter-bending roller min. diameter		60 mm	*2.36 in.*

[2] The above mentioned values depend on the type of CHIORINO joint recommended.

Coefficient of friction on driving surface

■ Raw steel sheet	0.20 [-]
■ Laminated plastic/wood	0.25 [-]
■ Steel roller	0.20 [-]
■ Rubberized roller	0.30 [-]

Max. production width	2000 mm	*79 in.*

SUITABLE FOR

Airports
Airports: check-in
Materials handling

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	no
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	9

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments
Flame Retardant UNI EN ISO 340
Flame Retardant UL94HB Horizontal Burning

NOTES

PRODUCT CODE NA1466

Last Update: 30-01-2020

2M12 U0-V5 FR

Recommended joining procedure   SINGLE Z - 80 x 10 mm

A = 80 mm
B = 10 mm

Other joining methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '1'

Check our general catalogue to get further info on
CHIORINO joining methods.

• Pressing

Heating press   P \ PL \ PLS

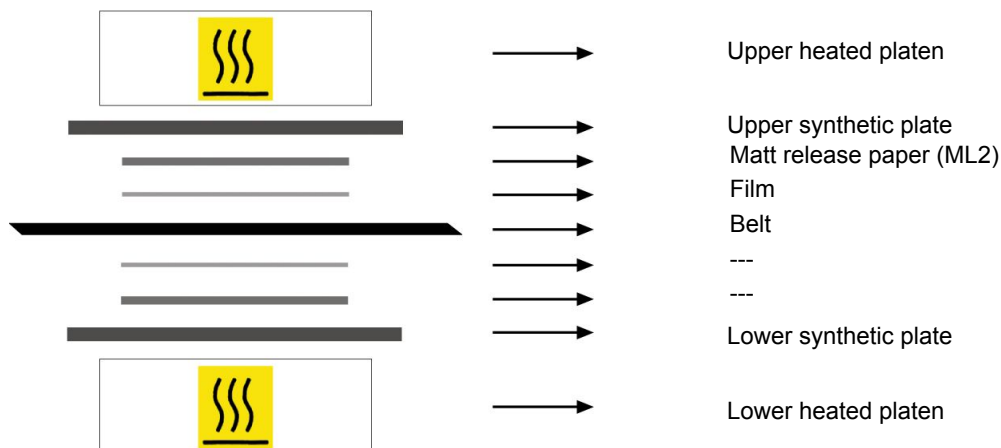| Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC673 - Film PVC FR
Cement	---

1. Use the KM330 thermo-meter to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.

2. Allow the cooling cycle to be completed before removing the belt from the press.

3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side.
A periodical inspection of the thermostats is recommended, to make sure they function correctly.

• Layout of components

≋	→ Upper heated platen
	→ Upper synthetic plate
	→ Matt release paper (ML2)
	→ Film
	→ Belt
	→ ---
	→ ---
	→ Lower synthetic plate
≋	→ Lower heated platen

• Notes

PRODUCT CODE NA1466   Last Update: 17-04-2024

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