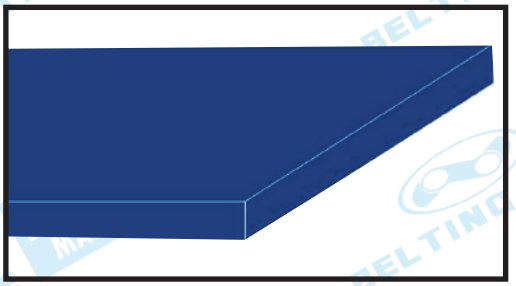
BELTING EDGE | MODUWARE MANUFACTURING | LEADERS IN QUALITY AND SERVICE

CONVEYOR & PROCESS BELTS

BELT TECHNICAL DATA SHEET

Thanks to the outstanding resistance to abrasion, oils, fats, detergents and to the most aggressive cleaning procedures, the HP product system is specially recommended for applications that require compliance with HACCP (Hazard Analysis and Critical Control Point) and IFS (International Food Standard).



Conveying Surface					Driving Surface			
Material	Thickness [mm]	Surface Pattern	Colour	Coefficient of Friction	Material	Thickness [mm]	Surface Pattern	Colour
TPU	1	smooth	blue	MF	TPU	0	FL	blue

TECHNICAL SPECIFICATIONS

Total thickness	1mm
Weight	1.10kg/m^2
Elongation at 8%	2 N/mm
Max. admissible	2 N/mm
Temperature	min -30°C
Resistance	max 60°C

**use of the belt at limit volumes may reduce it's life*

Maximum radius / diameter	
• Knife edge minimum radius	no
• Bending roller min diameter	10mm
• Counter-bending roller min diameter	15mm

the above mentioned values depend on the type of joint recommended

Coefficient of friction on driving surface	
• Raw steel sheet	0.40 [-]
• Laminated plastic/wood	0.40 [-]
• Steel roller	0.40 [-]
• Rubberised roller	0.40 [-]
Max. production width	2000mm

SUITABLE FOR

Food: meat processing
Food: cheese processing
Packaging
Check weighers
Materials handling: multiple drives
Pharmaceutics industry

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically - (UNI EN ISO 21179)	no
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	yes
Troughed conveying	yes
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances	12

COMPLIANCES:
- REACH Regulation EC 1907/2006 and amendments
- Regulation EC 2023/2006 and amendments
- FDA (Food and Drug Administration)
- Regulation EC 1935/2004 and amendments
- Regulation EU 10/2011 and amendments

BELTING EDGE cc 14 Lauda Rd, Killarney Gardens, Western Cape, South Africa
Tel. +27 (0) 21 557 0129 - Fax +27 (0) 21 557 3627
huston@beltingedge.co.za - www.beltingedge.com

BELTING EDGE

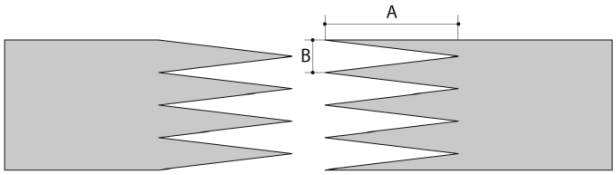
MODUWARE MANUFACTURING

LEADERS IN QUALITY AND SERVICE

CONVEYOR & PROCESS BELTS

JOINTING TECHNICAL DATA SHEET

Recommended Jointing Procedure (SINGLE Z)



A = 50 mm
B = 25 mm

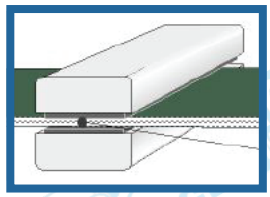
Other jointing mwthods can be used:
DIAGONAL SINGLE Z
MICRO Z
OVERLAP
BUTT SPLICE

Pressing

Heating press **P \ PL \ PLS**

Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	2 bar
Film	---
Cement	---

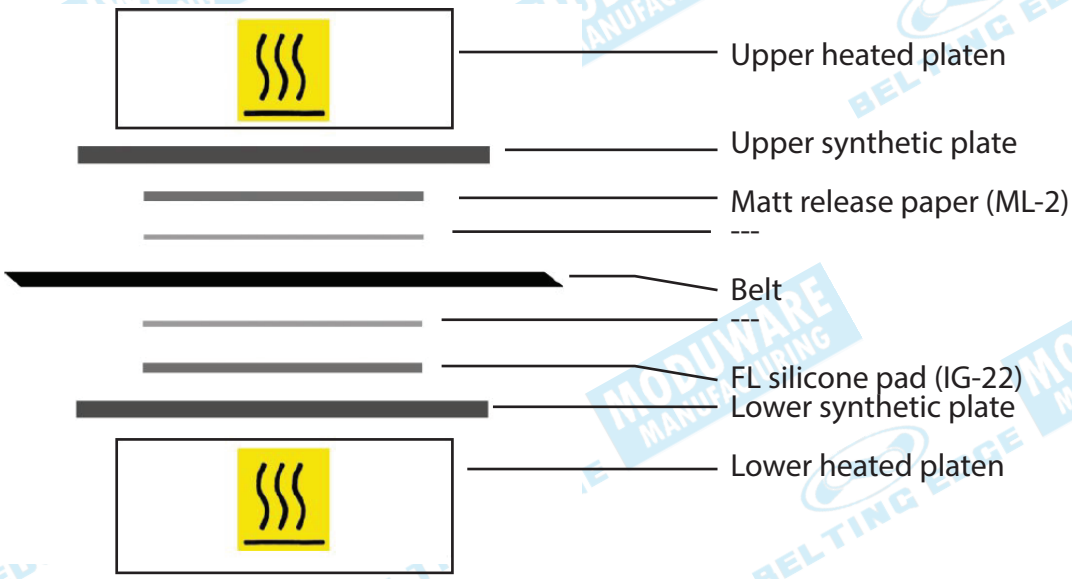
1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermo-meter gauge as shown by the drawing at side.



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



BELTING EDGE cc 14 Lauda Rd, Killarney Gardens,
Western Cape, South Africa
Tel. +27 (0) 21 557 0129 - Fax +27 (0) 21 557 3627
huston@beltingedge.co.za - www.beltingedge.com

https://www.facebook.com/beltingedge/
https://plus.google.com/+BeltingedgeModuWare
https://www.youtube.com/user/BeltingEdge
https://twitter.com/BeltingEdge