

standard range  
1PURB55HR/EW

1-ply Urethane white conveyor belt, Thickness 1 mm, Rice grain structure  
Complies with : FDA - EC regulations for foodstuff conveying

**Construction**

<b>1</b>	1 ply polyester fabric
<b>PUR</b>	TPU polyurethan
<b>B</b>	Colour : white
<b>55</b>	Top cover thickness: 0.55 mm
<b>HR</b>	"Rice grain" positive pattern, easy to clean
<b>E</b>	80N/mm fabric, rigid in weft
<b>W</b>	Impregnated backside

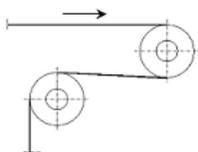
**Main technical data**
**Top cover :**

* Hardness (Sh A) :	85 Sh.A
* finishing :	Rice grain profil
<b>Total thickness :</b>	1 mm $\pm$ 0.1mm per plies
<b>Weight per m<sup>2</sup> :</b>	900 g $\pm$ 10%
<b>Coefficient of friction on steel slider bed :</b>	0.2 $\pm$ 20 %
<b>Maximum manufacturing width :</b>	2000 mm
<b>Temperatures :</b>	
* Product temperature :	-40°C to +90°C
* Ambient temperature :	-25°C to +60°C
<b>Type of support :</b>	Slider bed

**Mechanical data**

<b>Tolerance :</b>	+20 % -10 %
<b>Breaking load :</b>	60 N/mm
<b>Load for 1% extension :</b>	5 N/mm
<b>Maximum working tension :</b>	8 N/mm

**Pulley diameters :** Recommended as a minimum with a 20°C ambient temperature



**flexion :** Ø 8 mm minimum

**back flexing :** Ø 20 mm minimum

These values are not linked to the requested Ø to pull the belt to rotation.

<b>Ambient temperature :</b>	0°C to 8°C : add +50%
	0°C to -25°C : add +100%

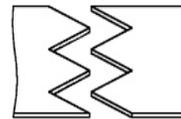
**ENDLESS JOINTING**

<b>Top heating plate :</b>	150°C $\pm$ 10 °C
<b>Bottom heating plate :</b>	130°C $\pm$ 10 °C
<b>Time :</b>	1 mn $\pm$ 1 mn
<b>Pressure :</b>	2 bar $\pm$ 0,5 bar
<b>Additional material (powder or film) :</b>	No

These recommendations may vary according to the equipment used and press heating system.

**Splicing methods to be used :**

DS finger joint



<b>Fasteners :</b>	None
<b>belt equipment :</b>	None

These data are subject to modification. Please make sure of their validity. REVEYRON S.A. should not be held responsible when the data sheet used is not valid anymore.