

ART-EX TEAR SEAL is a soft polyolefin based on Polypropylene sheet. It is designed for the production of welded stationary and packaging with the hot plate thermo contact converting machines.

The main advantage is low specific weight. No PVC. No plasticizers.

- It is an excellent replacement for soft PVC.
- It does not contain harmful substance and it is fully recyclable.
- It is embossed on both sides.

Embossing example	For other options consult our sales office
Top	Matt
Bottom	Peach
Thickness µm	300-1400
Thickness tolerance µm	+20/-30

Specific gravity		0.92
Hardness Shore D-scale	ASTM D 2240	30-35
Seal initiation temperature	°C	110-120 °C
Tensile Strength at Yield	ASTM D 638 IV	10-15 MPa
Elongation at brake	ASTM D 638 IV	More than 300%

Roll size examples.

Width	Thickness	Max.Length	Gross Weight	Outer D
1200 mm	0,35 mm	740 lm	250 Kg	600 mm
1200 mm	0,50 mm	460 lm	250 Kg	600 mm
1200 mm	0,80 mm	325 lm	250 Kg	600 mm
1200 mm	1,00 mm	215 lm	250 Kg	600 mm

Surface: one or both sides are corona treated for screen and digital UV inkjet printing. The treatment is guaranteed for 6 month for conventional screen printing and 3 month for UV screen and digital inkjet printing. Check production date before printing!

Corona treatment may affect weld ability. The converter should inform if he needs corona treatment on both sides.

Inks: Use inks for corona treated PP Always check carefully if ink is suitable to the job and process.

Conformity:

Norm	EN71/3 toy and	European Food	RoHS	Heavy metals
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ART-EX TEAR SEAL

	safety standard	European Directive 10/2011 and amendments*	Directive 02/95/EC	Directive 94/62/EC
	YES	YES	YES	YES

**Food contact conformity should be requested prior to placement of an order. Exten will not provide conformity declaration for articles already produced without particular notice from the client.*

Storage: store in dry and shaded place. Do not store at temperature higher than 25°C printability deteriorates.

Recycling: Production rejects and waste should preferably be recycled instead of being disposed. The sheets are degradable by exposure to UV light and combustion. Sheets are not biodegradable.