

TECHNICAL DATA SHEET

Material:	Recoupet (RPET) - Black	
Description:	Specially formulated R-PET unique to TDX. ABA structure with Virgin PET capping layer for optimal sealing and cutting performance. B layer contains Post Consumer Waste and Post Industrial Waste. A layer - 12% Virgin B layer - 88% Recycled (this is a mix of 35% PIW Black / Jazz Flake, 50% PCW, 3% Black MB)	
Quality:	Co-extruded Rpet	
Antiblock Treatment:	Antiblock by means of masterbatch dosed at 2.5% or silicone coated via bath either 1 or both sides.	
Other Additives:	Sheet can also be coated with Anti Static	
Application:	The material is suitable for packaging of the following food products	
	Aqueous Foods	Yes
	Acidic Foods	Yes
	Alcoholic Foods	Yes
	Fatty Foods	Yes
	Dry Foods	Yes
	Dairy Foods	Yes
	Use in conventional oven	No
	Use in microwave oven	No
	Freezing	Yes
Legislation:	EU Regulation 10/2011 plastic materials and articles intended to come into contact with food	
	EU Regulation 282/2008 recycled plastic materials and articles intended to come into contact with foods	
	Directive 1935/2004 materials and articles intended to come into contact with food	
	Directive 94/62 Heavy Metal in accordance with 10/2011	
Storage and filling treatment:	Unlimited storage treatment at cooling and freezing temperature	
	Hot fill up to 60°C for max 2 hours	
	Unlimited storage treatment at room temperature	
Colours:	Black	
Core diameter:	76mm (3") and 152mm (6")	
Roll size diameter:	Max 1000mm, Min 100kgs	
Package method:	Rolls packed on pallets according to agreement	
Dimensions:	Gauge:	
Recoupet:	Min 180mu - Max 1200mu	
Tolerances:	+/- 5%	
Note:	Tolerance on test equipment +/- 4mu	
Storage conditions / climate:	Value:	
Temperature:	-20°C to 30°C	
Air Humidity	45 - 70%	
Roll slitting:	Min width roll 300mm, Max width 1100mm	
Properties	Value	Method
Elastic Modulus - Recoupet	1900 - 2400 Mpa	ISO 527
Application temperature	Min -40°C Max 70°C	
Glass transition temperature	76°C - 78°C	DSC
Thermoforming temperature	125°C - 150°C	
Melt point	260°C	
Friction	Max reading 0.25 COF	Lloyds Friction Test Equipment
Material density	1.35g/cm3	
General Notes:	Approval of the application process of the sheet for the purpose intended is the responsibility of the customer	