



Specifications:

1	MATERIAL	Poly - Xtreme		
PRODUCT CRITERIA				
1	COLOUR	WHITE		
2	FINISH	SEMI GLOSS		
3	GRADE	PRINT GRADE		
4	PALLET SIZE	DETERMINED BY CUT SIZE – MAX WIDTH 1800MM		
DIMENSIONS SPECIFICATION				
	DIMENSION ITEM	UNIT OF MEASURE	PRODUCT DIMENSIONS	TOLERANCE
1	LENGTH	MM	3000 (MAX)	+ / - 15
2	WIDTH	MM	1250 (MAX)	+ / - 5
3	THICKNESS	MM	0.5 > 5.00	+ / - 0.10
4	OFF SQUARE	MM	0 > 5	≤ 5
5	CORONNA	DYNES	38	38>
6	COLOUR	DELTA E	1.5	< 1.5
7	DENSITY	g/cm ³	N/A	0.88 > 0.91
8	VICAT SOFTENING TEMP	°C	N/A	85 > 100
9	WATER ABSORPTION	%	N/A	< 0.1
ADDITIONAL SPECIFIC REQUIREMENTS CHECKS				
1	NO LUMPS OR MARKS			
2	COLOUR WITHIN SPECIFICATION			
3	VISUAL – FLAT SHEET			
4	PACKS CORRECTLY LABELLED AND IDENTIFIED			
5	UP TO 2 YEARS AND 3MONTHS UV WITHOUT UV STABILIZER			

PROPERTIES OF POLY-X Sheets

- ✓ Impact-resistant, even at low temperatures
- ✓ Lightweight and very flexible
- ✓ Reasonably scratch-resistant
- ✓ Creep-resistant
- ✓ Low water absorption
- ✓ Easy to process
- ✓ Fully Compatible with UV and Latex Printers
- ✓ Can be bonded with Acrylic glues only
- ✓ Resistant to environmental stress cracking influences
- ✓ Ideal working temperature range: 18°C to 25°C
- ✓ Continuous working temperature range: -55°C to 90°C
- ✓ Can be made more UV resistant to reduce likelihood of yellowing
- ✓ Recyclable

IMAGES AND APPLICATION AREAS OF PP

- ✓ **Advertising** - Signage
- ✓ **Architectural** - Fittings
- ✓ **Engineering** – Cable couplings, antenna components and cable covering
- ✓ **Household Goods** – Washing machines, Trays, Toys, Luggage, Vacuum cleaners, and Small Household Appliances
- ✓ **Medical** – Laboratory Equipment and Medical Syringes
- ✓ **Building Industry** – Piping and reaction vessels
- ✓ **Machine and Automobile industry** – Pipes for heating, ventilation fans, air supply filters and pump bodies.
- ✓ **Transport Industry**- Crates, toolboxes, boxes, strapping tape, bags, rope, binder twine and packaging films.