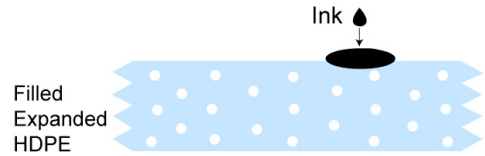


Polyart HS

- Non coated
- Filled HDPE film
- Cavitated core (density = 0.9 g/cm³)
- Corona treated on both sides
- Simultaneous biaxial orientation
- Multi-layer film



Property	Method	Units	Typical values								
Weight	ISO 536	g/m ²	50	60	70	95	130	150	175	220	
Thickness	DIN 53370	µm	60	70	80	107	145	165	190	235	
Density		g/cm ³	0.83	0.86	0.87	0.89	0.9	0.91	0.92	0.94	
Whiteness	ISO 2470	%	90	90	90	90	90	90	90	90	
Opacity	DIN 53146	%	80	83	87	89	90	91	92	94	
Tensile strength	ISO 527-3	N/mm ²	MD	75	65	60	58	55	52	45	41
			TD	65	60	50	47	43	41	38	33
Elongation @ break	ISO 527-3	%	MD	155	170	170	190	200	210	200	240
			TD	175	200	190	200	230	260	250	300
Tear strength	ASTM D1004-66	N/mm	MD	125	126	135	122	120	130	140	120
			TD	155	160	165	160	160	170	170	170
Rigidity (Kodak)	ISO 5629	mN.m	0.04	0.06	0.1	0.2	0.5	0.9	1.5	2.2	

Advice in this document is based on practical field experience and given in good faith but Arjobex, the manufacturer of Polyart synthetic papers, may not be held liable for loss or damage arising from action based on this information.



Features and Benefits

- Very high tear strength
- Available in low grammages
- Resists wide temperature variations: -60°C to +60 °C
- Highly conformable
- High dimensional stability
- Corona treated on both sides
- Good thermal transfer printing with a wide range of ribbons
- Good printing by conventional printing methods
- Die-cuts extremely well

