



INNOVABAK Technical Datasheet

INNOVABAK is a closed cell HDPE foam backing material for corrugated post print applications. INNOVABAK comes in various thicknesses and roll dimensions to fit to the specific print requirement

Features:

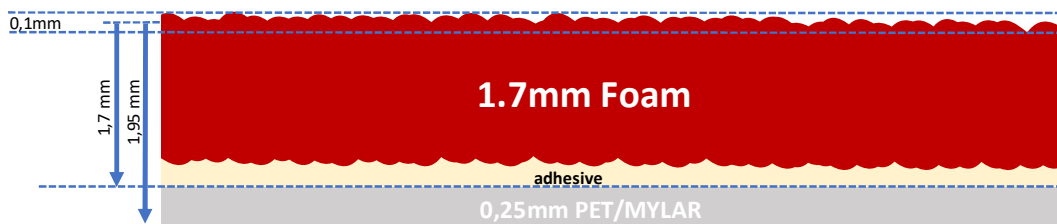
- Durability
- Fast rebound
- controlled thickness tolerance
- Easy and residue-free removal
- Resistance against ink, alcohol, isopropanol, ethyl acetate and other chemicals
- Reduced weight

	thickness	roll length	color
	mm	m	
supported (with 0.25mm Mylar)	1.35	15/25	red
	1.65	15/20	
	1.95	15	
	2.35	15	
	2.60	15	
	2.85	15	

unsupported	1.10	25	red
	1.40	25	
	1.70	25	
	2.10	25	
	2.35	25	
	2.60	25	

Technical characteristics and tolerances							
product	Innovabak 1.1	Innovabak 1.4	Innovabak 1.7	Innovabak 2.1	Innovabak 2.6	unit	test method
thickness	1.1	1.4	1.7	2.1	2.6	mm	ISO 1923
	0.043	0.055	0.067	0.083	0.102	inch	
thickness tolerance	0,075	0,075	0,1	0,1	0,1	mm	ISO 1923
	0,003	0,003	0,004	0,004	0,004	inch	
foam density	125	125	125	125	125	kg/m ³	ISO 845
foam density tolerance	17	17	17	17	17	kg/m ³	ISO 845
foam tensile strength lengthways	2,3	2,3	2,3	2,1	2	N/mm ²	ISO 1798
foam tensile strength crossways	1,4	1,5	1,5	1,3	1,3	N/mm ²	ISO 1798
foam elongation at break lengthways	370	380	380	340	380	%	ISO 1798
foam elongation at break crossways	290	290	290	300	310	%	ISO 1798
foam compression strength at 25% deflection	90	130	130	110	121	kPa	ISO 3386/1
foam compression strength at 50% deflection	210	180	270	220	230	kPa	ISO 3386/1
foam heat resistance	95	100	100	N/A	100	°C	DIN ISO 2796
foam hardness shore A	33	37	37	37	35		DIN EN ISO 868_2003
adhesive peel strength	8	8	8	8	8	N/25mm	DIN EN 1939
adhesive shear strength	1	1	1	1	1	kg/625mm ²	DIN 1943

Example INNOVABAK 1.7 thickness tolerance:



All data above mentioned are provided to the best of our knowledge. They shall be considered as average values and are not appropriate for a specification. Innova can make no warranties of fitness for a particular purpose. The user is responsible for determining whether the In-mount product is fit for a particular purpose and suitable for the user's method of application.