

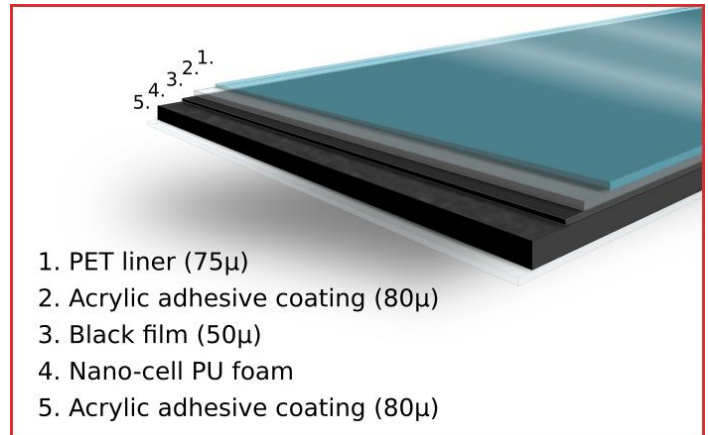
Technical Data – Hi-PORSEAL HPS100B

Product description

- Double sided nano-cell polyurethane foam
- High quality UV cured acrylic pressure sensitive cross-linked adhesive
- Excellent all round performance in the most demanding of applications

Construction

- PET liner (75μ)
- Acrylic adhesive (80μ)
- Black film (50μ)
- Nano-cell PU foam (790μ)
- Acrylic adhesive (80μ)



1. PET liner (75μ)
2. Acrylic adhesive coating (80μ)
3. Black film (50μ)
4. Nano-cell PU foam
5. Acrylic adhesive coating (80μ)

Technical data

Item	Unit		Spec.		Test method
Foam Thickness	μm	In	790	.0311	ASTM D3574
Total Thickness	μm	In	1000	.0394	ASTM D3574
Foam Density	kg/m ³	lb/ft ³	250 ± 50	15.607	ASTM D3574
Compression set (@ 70°C & 22hrs)	%	-	50	-	ASTM D3574
Max. Strain	%	-	61.7	-	ASTM D3574
Hardness	Shore "C"	-	45	-	ASTM D3574
Temperature resistance (short term)	°C	°F	121	250	-
Temperature resistance (long term)	°C	°F	93	199	-

Application

Cushioning, gaskets, sealing, shock absorbancy, anti-rattle applications.

Note

Unless stated otherwise all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Hi-Bond Tapes Ltd. will not be responsible for product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended application.