

NMHPI-B is a lightweight para-aramid/polyethylene laminate, available as gaskets or sheets in thicknesses from 6 to 25mm.

The material is highly durable and exhibits a low flammability. It is a

lightweight, water-resistant product which is easily washable. It is highly resistant to abrasion and piercing. Colour matching is possible.

NMHPI-BA is **NMHPI-B** backed with adhesive.

Property	Typical Value		Test Method
	NMHPI-B	NMHPI-BA	
Self Adhesive	No	Yes	
Areal Weight (g/m ²) 10mm thickness	900	1000	
Temperature Range (°C)	-70 to 80 (to 100 short term)		
Thermal Conductivity (W/m.K)	0.035		
Tear Abrasion (cloth side)	5000 Cycles (min.) to Failure		
Base Foam	Polyethylene		
Base Fabric	100% Woven Para-aramid		
Face Coat	High Solid Polymer		
Standard Colours	Black, White, Gold		
Flammability (Test Bonded to 0.8mm Aluminium)	Pass		FAR 25.853 (a)(1)(ii)
Smoke & Toxicity	Pass		ABD0031

Quality Standards:

- ABD0031
- FAR 25-853 (a)(1)(ii) test bonded to 0.8mm aluminium

Product Features:

- Abrasion Resistant
- Durable
- Easily Washable
- Fire retardant
- Good thermal insulation
- Low weight
- Potential for pressure sensitive adhesive
- Puncture Resistant
- Water resistant

NewMet

NMHPI-B/NMHPI-BA
High Performance Insulation

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