

HPPLAM ARMALON



HPPLAM: PTFE/Fiberglass composites for various industrial and commercial applications. Sold in sheet form, this laminate is non-porous.

Features

- PTFE barrier film surface, crack and pinhole free
- Uniform film thickness over entire surface
- High temperature fabrics
- Excellent dielectrics
- Dry lubricity and resistance to comprehensive loads

Benefits

- Long lasting release properties makes cleaning easier, low wicking properties extends useful life.
- Lamination eliminates the possibility of thin spots found in coated materials.
- Designed for thermal cycling and harsh chemical applications including cooking and plastic processing
- High performance material for extreme environments.
- Extreme high and low temperature pads for bridges, buildings, pipelines, and other heavy construction.

Availability:

The HPPLAM material is available in thickness from .006" through 1.055" with a tolerances varying in % as thickness increases. The standard sheet sizes are 34" x 44" & 36" x 48", but fabrication and custom sizes are available.

SPEC Grade 116 also available. Please contact customer service for price and availability.

Physical/Chemical Data

- Appearance: Flexible, odorless sheet in various shades of tan or dark brown.
- Substrate: Multilayer TCGF
- Solubility in Water: Insoluble
- Tensile strength: The laminate material demonstrates exceptional tensile strength (increases with thickness).
- PTFE Adhesion: The PTFE adhesion decreases with thickness. The tear strength is parallel to the PTFE adhesion.

STANDARD SHEETS 34" x 44" & 36" x 48"

PRODUCT		THICKNESS (INCHES)	STANDARD TOLERANCE +/-	
HPPLAM-005		0.0050	0.005	
HPPLAM-006		0.0060	0.0006	
HPPLAM-008		0.0080	0.0008	
HPPLAM-010		0.0100	0.0010	
HPPLAM-012		0.0120	0.0012	
HPPLAM-015		0.0150	0.0015	
HPPLAM-025		0.0250	0.0025	
HPPLAM-027		0.0270	0.0027	
HPPLAM-030		0.0300	0.0030	
HPPLAM-031		0.0310	0.0031	
HPPLAM-0312		0.0312	0.00312	
HPPLAM-040		0.0400	0.0040	
HPPLAM-050		0.0500	0.0050	
HPPLAM-062		0.0625	0.0062	
HPPLAM-078		0.0781	0.0078	
HPPLAM-093		0.0937	0.0093	
HPPLAM-125		0.1250	0.0125	
HPPLAM-187		0.1870	0.0187	
HPPLAM-250		0.2500	0.0250	

- **DISCOUNT WILL BE APPLIED FOR VOLUME ORDERS**
- **Delivery: 2-4 weeks depending on stock or fabrication lead-times**