

# Technical Data Sheet

Version 3.0  
Valid up to August 2012

## Prodex® PADP5

REFLECTIVE THERMAL INSULATION PRODEX®  
PADP= Polyester + Double Aluminum + Polyester.

5 mm closed cell polyethylene foam sandwiched between three aluminum layers on both sides.

Prodex thermal screens are made of reflective thermal insulation Prodex Livestock PADP (Polyester + Double Aluminum + Polyester) with a 5 mm thick polyethylene foam core, 14 cm spaced folds and height as indicated in each shed.

### Lateral Screen

Efficiently reflects heat generated by gas brooders.



### Transverse Screen

Adjusts its receiving area to the indicated measure.



The lateral curtains are placed at the internal walls of the brooding area. Its main aim is to control the internal temperature preventing heat loss from the gas heating system; Prodex PADP 5 helps the chick growth in the first 12 days since the chicks arrive, keeping inside temperature up to 90 Fahrenheit degrees in a economical and efficient way.

## TECHNICAL SPECIFICATIONS – PRODEX THERMIC/PADP5

PADP 5(Polietileno transparente+Aluminio+Poliéster transparente)		
MEASURES AND TOLERANCES OF THE STANDARD PRODUCT		
<b>THICKNESS: 0.19 ± 0.0137 (in)</b>	<b>LENGTH: ± 11 in</b>	<b>WIDTH: 4 ± 0.032 (ft)</b>
TECHNICAL CHARACTERISTICS OF THE PRODUCT		
CHARACTERISTICS	VALUE	STANDARD
AVERAGE WEIGHT OF ft <sup>2</sup>	0,051lb/ft <sup>2</sup>	-
WATER RESISTANCE	Waterproof	Dir. UEAtc
WATER VAPOR TRANSMISSION	0.05 perms (gr/ft <sup>2</sup> *h*in.hg)	ASTM E 96/IRAM 1735
EMITANCE	0,03	ASTM C-1371-98
FUNGI RESISTANCE	No growth	ASTM C 1338
CORROSIVENESS	Pass	ASTM C-1224
PLIABILITY	No cracking	ASTM C-1224
BLEEDING AND DELAMINATION	No bleeding no delamination	ASTM C-1224
HUMIDITY RESISTANCE	Pass	ASTM C-1258
DESLAMINACIÓN	No deslaminación	ASTM C-1224-99
OPERATING TEMPERATURE	-4 °f / 176 °f	ASTM C-1224



Aluminum on both sides that reflects the heat radiation



Thermal Insulation



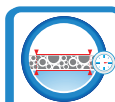
Hydrophobic insulation



Prevent condensation



Do not filter water when being nailed



Maintain their thickness over time



Do not promote the passage of insects



REAL WARRANTY 10 YEARS



Total Insulation



Business Alliance for Secure Commerce



Comfort in harmony with the environment