

# TECHNICAL DATA SHEET

# PRODEX®

## MULTIPACK

Code: NT-81-P  
Version: 1.0



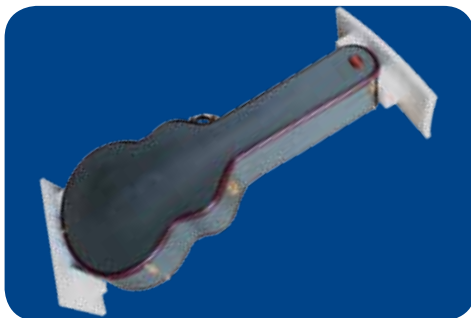
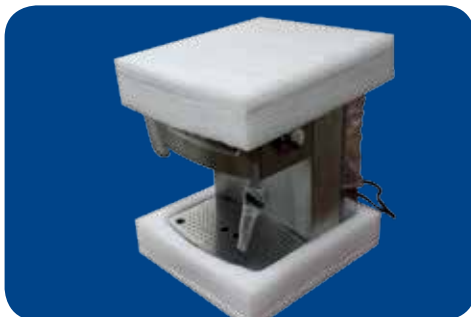
## CUSTOM-MADE FOAM

Top quality foam that provides maximum protection to your products

- 100% recyclable polyethylene
- Moisture resistant
- Anti-static
- Highly shock and tear resistant
- Light and easy to handle
- CFC-free, non harmful to the ozone layer
- Economical
- Hygienic
- Reusable foam (long useful life)

Custom-made packaging solutions for any requirements of width, shape, or size of the product.

PRODEX will provide you with advice on how to implement your project, replace the existing technology, maximize the packaging space requirements, design, and prototype.



### Advantages

- Protects products preventing them from moving inside the box
- Minimizes packaging material quantities and costs
- Easy to handle (less labor intensive)
- Moisture resistant
- Washable
- Excellent cleaning agent resistance
- CFC and HCFC free
- Recyclable

### Applications

- **For packaging and packing of:**
- Filling for packaging and packing in general
  - Instruments
  - Electrical appliances
  - Glassware
  - Ceramics
  - Electronic devices
  - Spare parts

#### CUSTOM-MADE POLYETHYLENE FOAM

MEASUREMENTS AND TOLERANCE OF STANDARD PRODUCT: THICKNESS: ± 10% / WIDTH and LENGTH: ± 1%

#### PRODUCT TECHNICAL FEATURES

FEATURES	VALUE	STANDARD
CELL STRUCTURE	Closed	ASTM D3575
DENSITY	20-30 kg/m <sup>3</sup>	ASTM D3575-W
DM/DT STRESS RESISTANT*	250/150 kpa	ASTM D412
DM/DT ELONGATION*	176% /151%	ASTM D412
COMPRESSION RESISTANT (25% deformation)	18 Kpa	ASTM D3575-D
OPERATING TEMPERATURE	0 °C - 80 °C	-
THERMAL STABILITY (after 24, 70°C)	Longitudinal: -2.6 %   Cross-sectional: 0 %   Thickness: 1%	ASTM D3575 - S
THERMAL CONDUCTIVITY	0.25 btu.in/h.ft <sup>2</sup> .°F   0.036 W/mK	ASTM C518
HARDNESS	6	SHORE A
WATER VAPOR TRANSMISSION**	0.46 perms gr/ft <sup>2</sup> *h*in.hg	ASTM E96
COMPRESSION RECOVERY (25% @ 24 hr)	< 87%	ASTM D3575 - B
SURFACE RESISTANCE (anti-static)	< 10 <sup>12</sup> Ω/square	ASTM D257

Even though the values shown are typical values, they must not be used as specification boundaries.

\*DM = machine direction, DT = cross-sectional direction

\*\*Result for 5 mm thick foam



Phone (506) 2438-2322 | Fax (506) 2438-2341 | www.prodexcr.com

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LEADERS IN PACKAGING SOLUTIONS