

# TECHNICAL DATA SHEET

# PRODEX®

## T O U G H B A G

Code: NT-88-P  
Version: 1.0



## AIRTIGHT, TOUGH AND WATERPROOF BAGS

(only side sealed)

Low-density, polyethylene foam bags. They are tough, highly shock and tear resistant, and waterproof. They feature an airtight seal (Fast Action seal included). They are

reusable and may be opened and closed as many times as needed without tearing up. Tough bags were designed for maximum product protection and effectiveness.



### Advantages

- Waterproof and moisture resistant
- Air-tight (drip-free)
- More mechanical resistance
- Shock resistant
- Chemical agent resistant (common acids, solvents, detergents, lubricant oils, among others)
- Fast Action seal included

#### POLYETHYLENE FOAM BAGS REINFORCED WITH A HIGH-DENSITY PE SIDE

##### MEASUREMENTS AND TOLERANCE OF STANDARD PRODUCT

THICKNESS: 1 and 2 mm ± 7%	WIDTH: more than 12 cm ± 5%	LENGTH: 75 cm max ± 5%
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##### TECHNICAL PRODUCT FEATURES

FEATURES	TYPICAL VALUE	STANDARD
STRESS RESISTANCE OF THE SEAL (cross-sectional)	9.2 N/cm (cross-sectional to the seal)	ASTM D638
STRESS RESISTANCE OF THE SEAL (parallel)	9.3 N/cm (cross-sectional to the seal)	ASTM D638
COLOR	White	-
WATERPROOF	Resistant	-
WATER VAPOR TRANSMISSION	0.0579 g/m <sup>2</sup> hkPa	ASTM E96
CELL STRUCTURE	Closed	ASTM D3575
DENSITY	25-30 kg/m <sup>3</sup>	ASTM D3575-W
COMPRESSION RESISTANT (25% deformation)	18 kpa	ASTM D3575-D
OPERATING TEMPERATURE	0 °C - 80 °C	-
THERMAL STABILITY (after 24 hours, 70°C)	Longitudinal: -2.6 %   Cross-sectional: 0 %   Thickness: 1%	ASTM D3575-S
THERMAL CONDUCTIVITY	0.036 W/mK	ASTM C518
HARDNESS	6	SHORE A
RECOVERY FROM COMPRESSION (25% @ 24 h)	< 87%	ASTM D3575 - B



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