

# PRONIL PROSEAL

## Technical Data Sheet

High performance joint and crack sealing system for construction joints, expansion (movement) joints and connection joints or cracks.



### DESCRIPTION

TPE flexible sealing tape is thin and extra-tough elastic strip with considerable longitudinal and lateral extension. Ideal for sealing and waterproofing expansion joints and over cracks subject to irregular and high movements. Excellent resistance to weathering, UV radiation and chemically stable. Thermal welding ensures secure, watertight joints.

### ADVANTAGES

- Flexible
- Permanently elastic
- Highly versatile
- Good tensile properties
- Stable form and UV-resistant
- Heat weldable
- Easy to install
- Long term resistance to bacteria
- Non-hazardous for users

### USED FOR

- Construction joints and cracks
- Future movements of the construction without causing damages
- Basements
- Tunnel construction
- Around metal surfaces
- Swimming pools, cable and pipe penetrations
- Sewage treatment plants



**Item Code: PSA.100**

Colour:	Grey
Total thickness (approx):	1,0 mm
Material weight (approx.):	930 gr/m <sup>2</sup>
Resistance to temperature: min. / max.	- 30°C / + 90°C
Length per roll:	25 metres (Alternative size upon request)

Physical Properties: (approx.)	DIN	Value
Available widths:	Internal	150,200,250,300,350,400 mm
Thickness	Internal	1,0 mm
Total Weight	Internal	930 g/m <sup>2</sup>
Length per roll:	Internal	25 Meter (Alternative make ups upon request)
<b>Tensile properties:</b>		
Tear resistance - lengthwise	DIN EN 12311-2 Method B	15 N/mm <sup>2</sup>
Tear resistance - across	DIN EN 12311-2 Method B	15 N/mm <sup>2</sup>
Elongation at break - lengthwise	DIN EN 12311-2 Method B	620 %
Elongation at break - across	DIN EN 12311-2 Method B	670 %
Tear resistance (nail shank) - lengthwise	DIN EN 12310-1	260 N
Tear resistance (nail shank) - across	DIN EN 12310-1	260 N
Water vapour permeability	DIN EN 1931 Method B	60 m
Shore A hardness	Internal	approx. 87
Bonding strength	DIN EN 1348	≥4,0 N/mm <sup>2</sup>
Peel test on wood carrier	Internal	≥100 N*
Water tightness	DIN EN 1928-A-60 kPA'24 Std. DIN EN 1928-A-60 kPA'24 Std.	watertight watertight
Burst pressure	Internal	≥4 bar
UV - Resistance	DIN EN ISO 4892-3	≥6500 h
Reaction to fire	DIN EN ISO 11925-2 / EN 13501-1	Class E
* in dependence of the used adhesive		

Chemical Properties:	Resistance after storage over 7 days by room temperature in following chemicals	+ = resistant 0 = weakened - = non resistant
Hydrochloric acid 3%	Internal	+
Breaking load lateral	Internal	+
Extension break lateral	Internal	+ / 0
Power absorption at 25% Elasticity lateral		
Power absorption at 50% Elasticity lateral	Internal	+

**Warranty:** 10 years warranty for the guaranteed product qualities

**Attention:** Due to technical reasons the colour of the material or the printing may vary slightly from batch to batch.

**Storage:** 18 months from date of production if properly in undamaged unopened original sealed containers in dry conditions between +5°C and +30°C.

**Certified according to DIN EN ISO 9001: 2008**

Made in Turkey



ISO 9001  
Quality Management



ISO 14001  
Environmental Management



OHSAS 18001  
Occupational Health and  
Safety Management

