

# PVC EXTRUSION

## PLASTIFLEX ABN2 2.0 mm

**PVC MEMBRANE RESISTANT TO UV RAYS, BITUMEN, HYDROCARBONS, ACID AND ALKALINE SOLUTIONS**

### DATA SHEET

#### PHYSICAL MECHANICAL PROPERTIES

TEST	SPECIFICATION	UNIT	VALUE
THICKNESS	UNI EN 1849-2	mm	2,0 ± 5 %
SPECIFIC WEIGHT	UNI EN 1849-2	Kg / m <sup>2</sup>	1.32 ± 0.05
SHORE HARDNESS	DIN 16726	A / 15	75 ± 3
TENSILE STRENGTH	UNI EN 527-5	N/mm <sup>2</sup>	> 17
ELONGATION AT BREAK	UNI EN 527-5	%	> 300
WATER PERMEABILITY	UNI EN 14150	m <sup>3</sup> /m <sup>2</sup> /d	< 10 <sup>-6</sup>
COLD BENDING	UNI EN 495-5	- 40 °C	No Failure or Crack
DIMENSIONAL STABILITY	UNI EN 1107-02	%	< ± 0,1
TEAR STRENGTH	UNI EN 12310-2	N	>240
RESISTANCE TO TEARING	UNI EN ISO 34-1 method B	Kn/m	>50
PUNCTURE RESISTANCE	UNI EN 12691	mm	≥ 2000
ROOT RESISTANCE	UNI CEI/TS 14416	No Penetration	
PEEL RESISTANCE OF JOINT	UNI EN 12316-2	N/50 mm	450
RESISTANCE TO HEAT	DIN 16726 5.13	%	≤ - 3
RESISTANCE TO HYDROCARBONS 4 h. IN GASOLINE / BENZOL	ENI 0181.00 CEI 20.22  P. 2.1.04 P. 2.2.08	% variation in tensile strength	< -70



#### Standard Production

Thickness	Width	Length
1,0 - 3,0 mm	2,10 mt	As required

