



ONGRODUR® I

Ongropack Ltd. offers its manufactured PVC compact solid sheets under the trade name **ONGRODUR® I**.

ONGRODUR® I solid industrial sheets have a wide variety of applications. The material can be thermoformed, fabricated, laminated or printed. All types are resistant to chemical or corrosive environments. **ONGRODUR® I** is available for internal and external applications.

Our products are self-extinguishing and comply with most of the national fire resistance standards defined for plastics. **ONGRODUR® I** is available in the most popular industrial colours. However, other colours can be matched upon request.

In order to protect the surface of the sheets, upon request, they are delivered with protective film layer bonded on one side.

ONGRODUR® I



Delivery program

Colour	Unit	Thickness	Size
Industrial colours* (white, grey, brown, black)	mm	1 - 20	1000 x 2000
		1 - 18	1220 x 2440/3050
		1 - 12	1500 x 3000
		1 - 4,5	2000 x 3000

Technical parameters

Parameters	Unit	Types	
		IR-II Normal impact	IR-2I High impact
Features			
Width	mm	1-4 / 1000-2000	
		5-12 / 1000-1500	
		13-15 / 1000-1220	
		16-20 / 1000	
Tolerance of width	mm	1000-1219 / +2,0; -1,0	
		1220-1499 / +2,5; -1,0	
		1500-2000 / +3,0; -1,0	
Length	mm	1000 - 3000	
Tolerance of length	mm	1000 - 3050 / +5,0; -1,0	
Thickness (S)	mm	1,0 - 20,0	
Tolerance of thickness	mm	S ≤ 4 mm S±(0,1+0,05S)	
		S > 4 mm S±(0,08+0,03S)	
Deviation from right angle	mm	max. 3/1000	

*Other colours on request.

Advantages

- › very well vacuum formable
- › good mechanical properties
- › standard and/or increased impact resistance
- › chemical resistance
- › easily processable with any conventional tools
- › glueable and weldable
- › can be easily bent at high and low temperatures
- › self-extinguishing

Application

INDUSTRY

- › ventilation shafts
- › refrigerators
- › galvanization
- › chemical processing
- › parts
- › containers
- › covers

CONSTRUCTION

- › canalization
- › cladding

Processing advices

- › **Fabricating:**
shearing or cutting (up to 6 mm),
sawing (1-20 mm), drilling
- › **Thermal processing:**
bending, welding, thermoforming
- Other:**
- › screen printing, digital printing,
vinyl labeling, laminating, painting