

COMPOSITION

Synthetic membrane of plasticised PVC manufactured by the cast process. Made of plastisol layers of different chemical-physical properties and reinforced with a polyester mesh.

FEATURES

- High resistance to weathering and ultraviolet rays
- High mechanical resistance
- High mechanical resistance
- Resistance to puncturing
- Excellent weldability
- Resistance to standard products used for swimming pools treatment

PRODUCTION STANDARD

Thickness	1,5 mm
Width	1,60 m / 1,50* m / 1,65** m
Length	25 m (10/20 m)*
Colours	*blue; *light blue; *aqua; *caribbean green; *sand; *white; *pearl grey; *dark grey; *anthracite black; *marmorino rosa; yellow; red; *wild musk; **blue storm. blue mosaic; orange mosaic; green mosaic.

* Antislipping available

Upon request FLAGPOOL can be manufactured in different RAL colour with extra charge. The upper finishing of the liner can be smooth (standard liner) or antislip (with FLAGPOOL ANTISLIP designation and having the same physical-mechanical features of the standard liner).

PHYSICAL-CHEMICAL PROPERTIES

Thickness	mm	1,5	UNI EN 1849-2
Weight	kg/m ²	1,8 ± 5%	UNI EN 1849-2
Tensile strength (rectangular test specimen)	N/5 cm	≥ 1100	UNI EN 12311-2
Elongation at break	%	≥ 15	UNI EN 12311-2
Resistance to static punching on rigid support	Kg	> 20	UNI EN 12730 B met.
Dimensional stability (after 6h at 80° C)	%	≤ 0,5	UNI EN 1107-2
Cold bending	°C	≤ -25	UNI EN 495-5
Accelerated light ageing		0 degree	UNI EN 1297
Hydrostatic pressure resistance (6 hours at 0,5 MPa)		waterproof	UNI EN 1928 B met.
Resistance to hail on rigid support	m/s	≥ 23	UNI EN 13583
Tear Resistance	N	≥ 200	UNI EN 12310-2
Resistance to micro-organisms		no growing	AFNOR NFX 41514 ASTM G 21-90
Slip resistance*		group 24°	UNI EN 13451-1:2000

* antislipping version