

## 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
Colours	*sky blue; *light-sky blue; *aqua; *caribbean green; *sand; *white; *pearl grey; *dark grey; *anthracite black; mosaic; *marmorino rosa; *granito fiorentino; yellow; red.

\* Antislipping available    \*\* Available for Mosaic liner only

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).

Imported & Marketed in India by:

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## PHYSICAL-CHEMICAL PROPERTIES

Thickness	mm	1,5	
Weight	kg/m <sup>2</sup>	1,8 ± 5%	DIN 53352
Tensile strength (rectangular test specimen)	N/5 cm	≥ 1100	DIN 16726-5.13
Puncture resistance	mm	≥ 800	DIN 16276-5.12
Hydrostatic pressure resistance (24 hours at 2 bar)		waterproof	DIN 16726-5.11
Elongation at break		≥ 15%	DIN 16726-5.13
Dimensional stability (after 6h at 80° C)		≤ 0,5%	DIN 53377
Cold bending (2 mm mandrel)		≤ -20 °C	DIN 53361
Accelerated light ageing: Irradiation of 18.000 MJ/m <sup>2</sup>		no cracking	UNI ISO 4892 Xenotest method
Tear Resistance	N	≥ 200	DIN 53363
Resistance to hail on rigid support		≥ 23 m/s	SIA 280/8
Thermal ageing in air: mass loss after 56 days at 80° C		≤ 2,5%	DIN 16276-5.13.3
Resistance to micro-organisms		no growing	AFNOR NFX 41514 ASTM G 21-90

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