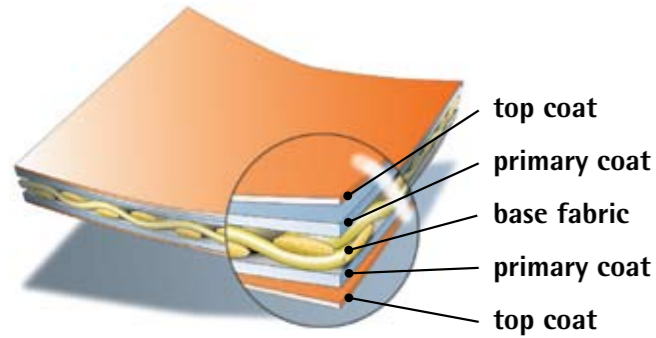


**VALMEX® boat** is a unique material for the manufacture of high-quality inflatable boats used for leisure and recreation.

Four layers of PVC are combined with a Polyester base fabric of high-strength 1100 dtex yarn by melt-roller coating. These single layers give flexibility, elasticity, air-tightness and resistance against mechanical damage to the material. **VALMEX® boat** is wear and abrasion resistant, UV and weather resistant, insensitive to high temperature conditions and dirt-repellent.



The airtightness of the inflatable boat of course depends to a high extent on the correct finish of the seams. Based on our customers' experiences we recommend taping seams inside as well as outside.

The design of products from **VALMEX®** fabric must take into consideration the elasticity of the tube when it is inflated. The tube expands in the radial direction and contracts in the axial direction. For example a tube with a pressure of 0.3 bar (approx. 4.3 psi) gives radial strength twice as high as the axial strength because of deformation.



Bitte fragen Sie nach / Please also ask for brochures

- POLYMAR® traffic
- POLYMAR® FR color
- POLYMAR® tarp
- POLYMAR® scrim
- VALMEX® structure
- VALMEX® tent
- POLYMAR® shades
- VALMEX® print
- AIRTEX®
- Flashguard®
- VALMEX® tivoli

- VALMEX® sol-boutique
- VALMEX® polycrystal
- VALMEX® nautica
- VALMEX® boat
- VALMEX® camping
- VALMEX® solera
- VALMEX® enviro pro
- VALMEX® industrial
- Traintex®
- Corotex®

The responsible way in which the company deals with energy and resources, its use of environmentally sustainable materials and its activities related to the recycling of coated textiles have now been bundled by Mehler Technologies under one all-embracing label.



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v011/10/2008



VALMEX® 7320 Light



907



104



206



205



340



350



611



691

Other colours upon request

VALMEX® 7318 Mainstream

VALMEX® 7307 Mainstream plus

VALMEX® Rough Skin – skid-proof surface

available for all boat material



573



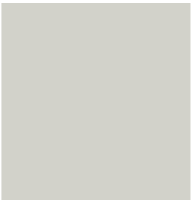
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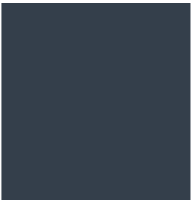
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VALMEX® 7311 Heavy

VALMEX® 7321 Heavy plus

VALMEX® 7328 Life raft

VALMEX® 7324 Life raft

VALMEX® boat	Light	Mainstream	Mainstream plus	Heavy	Heavy plus	Life raft	Life raft
Article	7320	7318	7307	7311	7321	7328	7324
Thickness	0.7 mm	0.8 mm	0.9 mm	1.2 mm	1.2 mm	0.55 mm	0.55 mm
Coating	PVC	PVC	PVC	PVC	PVC	PVC	PVC
Weight	850 g/m <sup>2</sup>	1000 g/m <sup>2</sup>	1050 g/m <sup>2</sup>	1450 g/m <sup>2</sup>	1450 g/m <sup>2</sup>	630 g/m <sup>2</sup>	640 g/m <sup>2</sup>
Tensile strength (warp/weft)	2500/2500 N/50mm	3000/3000 N/50mm	3000/3000 N/50mm	3000/3000 N/50mm	3000/3000 N/50mm	2200/2200 N/50mm	3000/2500 N/50mm
Tear strength (warp/weft)	200/150 N	250/250 N	250/250 N	250/250 N	250/250 N	170/170 N	350/300 N
Adhesion	20 N/cm	20 N/cm	20 N/cm	20 N/cm	20 N/cm	20 N/cm	20 N/cm
Cold resistance	-30 °C	-30 °C	-30 °C	-30 °C	-30 °C	-40 °C	-50 °C
Heat resistance	+70 °C	+70 °C	+70 °C	+70 °C	+70 °C	+70 °C	+70 °C
Light fastness	>6 Note	>6 Note	>6 Note	>6 Note	>6 Note	>6 Note	>6 Note
Crack resistance	<100000 x	<100000 x	<100000 x	<100000 x	<100000 x	<100000 x	<100000 x
Width	150 cm	150 cm	150 cm	150 cm	150 cm	180 cm	180 cm

Other widths upon request

All technical data stated are based on laboratory tests at average results and are provided as a source of information and do not constitute a warranty. Applications suggested here do not release customer from testing material for its intended application. Colours displayed are representative of RAL colour range. Always check the validity of fire certificate. Program changes reserved. VALMEX® is recyclable. Manufactured by DIN EN ISO 9001