



VALMEX[®] boat

TECHNICAL TEXTILES FOR
INFLATABLE BOATS AND LIFE-RAFTS

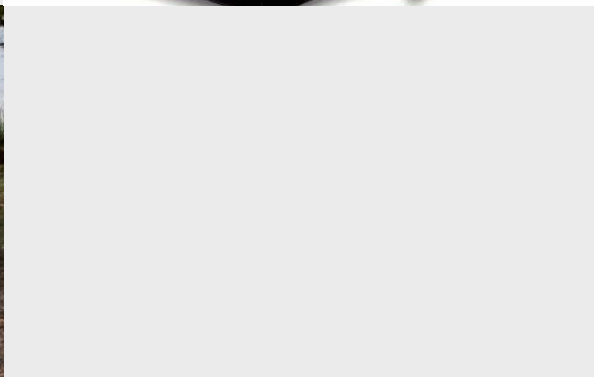
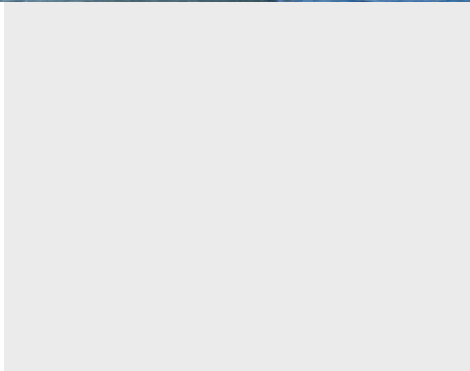
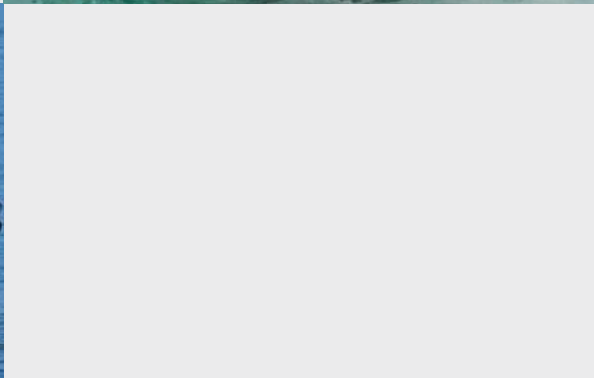
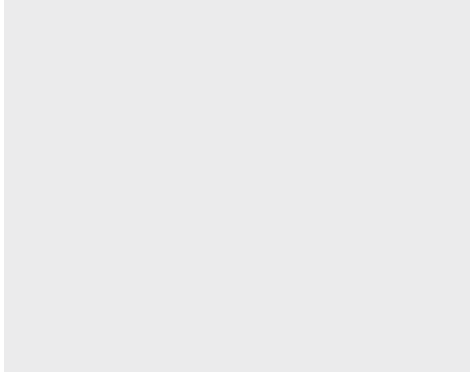
Robust · Durable · Proven performance

Achtung!

Aufgrund der Reproduktion ist die Farbdarstellung nicht verbindlich und kann je nach Browser und Bildschirm vom Original abweichen.

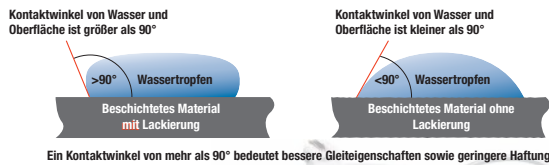
Attention!

By reason of reproduction colour display is not bindingly and can differ to original due to browser and monitor.



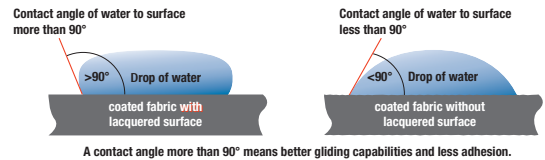
VALMEX® boat ist ein einzigartiges Material zur Fertigung hochwertiger Schlauchboote für Freizeit, Sport und professionelle Anwendungen.

Durch die Kalenderbeschichtung werden verschiedene Lagen PVC mit einem Polyester Trägergewebe aus hochfesten 1100 dtex Garnen vereint. Dieser Schichtaufbau gibt dem Material Flexibilität, Elastizität, Luftdichtigkeit und gute Widerstandskraft gegen mechanische Einwirkungen. **VALMEX® boat** ist abriebbeständig, UV- und wetterfest, schmutzabweisend sowie unempfindlich gegenüber hohen Temperaturen. Die **VALMEX® plus**-Produkte sind mit einer zusätzlichen Acryllackierung ausgerüstet und weisen eine höhere Beständigkeit gegenüber einer Vielzahl von Umwelteinflüssen auf.



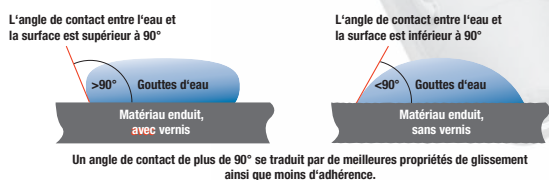
VALMEX® boat is a unique material for manufacturing high-quality inflatable boats used for leisure, sports and professional applications.

Several 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, airtightness and resistance against mechanical damage. **VALMEX® boat** is abrasion resistant, UV and weather resistant, dirt-repellent and insensitive to high temperature conditions. **VALMEX® plus** products feature higher resistances to various environmental conditions due to an additional acrylic surface finish.



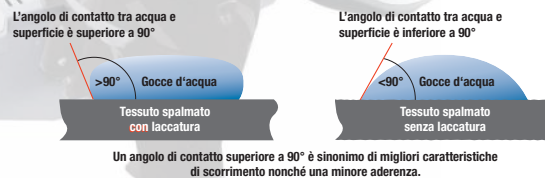
VALMEX® boat est un matériau unique en son genre destiné à la fabrication de bateaux pneumatiques haut de gamme pour les loisirs, le sport et les utilisations professionnelles.

Grâce à une enduction calandree, les différentes couches de PVC sont unies avec le support textile polyester 1.100 dtex fabriqué à partir de fils à haute tenacité. Cette conception apporte au matériau flexibilité, élasticité, étanchéité ainsi qu'une bonne résistance aux contraintes mécaniques. **VALMEX® boat** est résistant à l'abrasion, aux ultraviolets et aux intempéries ; il est résistant aux salissures et aux températures élevées. Les produits **VALMEX® plus** sont recouverts d'une couche supplémentaire de vernis acrylique et résistent encore mieux aux multiples influences de l'environnement.



VALMEX® boat è un materiale unico per la costruzione di battelli pneumatici di elevata qualità, adatti al tempo libero, allo sport e all'uso professionale.

La metodologia a calandra permette di spalmare un supporto da 1100 dtex con diversi strati di PVC. Questa stratificazione conferisce al tessuto flessibilità, elasticità, impermeabilità all'aria e un'ottima resistenza alle sollecitazioni meccaniche. **VALMEX® boat** è resis-tente all'abrasione, ai raggi UV e alle intemperie, è anti-sporco e tollera ottimamente le temperature elevate. I prodotti **VALMEX® plus** sono dotati di un'ulteriore laccatura acrilica che li rende ancor più resistenti alle molteplici condizioni ambientali.

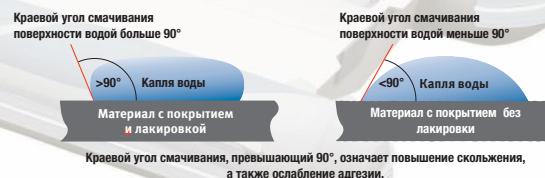
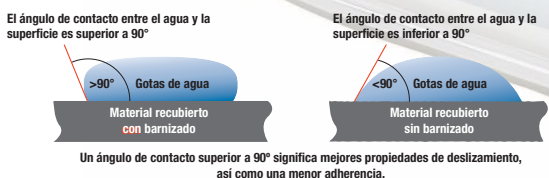


VALMEX® boat es un material único para la fabricación de embarcaciones neumáticas de alta calidad para el ocio, actividades deportivas y usos profesionales.

Durante el proceso de calandrado se unen diferentes capas de PVC con un tejido base de poliéster de hilos 1100 dtex altamente resistentes. Esta estructura de capas le confiere al material flexibilidad, elasticidad, impermeabilidad al aire y una óptima resistencia a los efectos mecánicos. **VALMEX® boat** es resistente al desgaste, a los rayos UVA y a los agentes atmosféricos, repele la suciedad y resiste las temperaturas elevadas. Los productos **VALMEX® plus** están equipados con un barnizado acrílico adicional y presentan una mayor resistencia con relación a un sinnúmero de influencias medioambientales.

Лодочные ткани **VALMEX® boat** являются уникальным материалом для производства надувных лодок высокого качества – для досуга, занятия спортом и профессионального использования.

Благодаря такой слоистой структуре материал отличается гибкостью, эластичностью, воздухопроницаемостью и высокой сопротивляемостью механическим воздействиям. Ткань **VALMEX® boat** – стойкая к износу, к воздействию ультрафиолетовых лучей и атмосферным влияниям, обладает грязеотталкивающими свойствами и нечувствительностью к высоким температурам. Продукты **VALMEX® plus** защищены дополнительным акриловым покрытием и отличаются более высокой устойчивостью к разнообразным воздействиям окружающей среды.



VALMEX®

Ausrüstung, finish

Beschichtung

Coating, Enduction, Spalmatura
Clase de recubrimiento, Покрытие

Dicke, Thickness, Épaisseur

Spessore; Espessura, Толщина

Gesamtgewicht

Total weight, Poids total
Peso total, Peso totale, Bec

Reißkraft

Tensile strength, Résistance rupture
Carga a la rotura
Resistenza alla trazione
Прочность на растяжение

Weiterreißfestigkeit

Tear strength, Résistance déchirure
Resistencia al desgarro
Resistenza alla lacerazione
Прочность на разрыв

Hafffestigkeit

Adhesion, Adhérence, Adherencia
Adesione, Адгезия

Temperaturbeständigkeit

Temperature resistance
Températures max. d'utilisation
Resistenza alla temperatura
Resistencia a la temperatura
Температурный режим

Lichtechtheit, Light fastness

Tenue du coloris à la lumière
Solidità alla luce, Solidez a la luz
Цветостойчивость

Knickfestigkeit

Crack resistance
Résistance aux pliages
Resistenza alla piegatura
Resistencia al pando
Прочность на изгиб

7310 5340

Mainstream light
no lacquer

PVC

PBX

0,7 mm
0.028 in.

850 g/m²
EN ISO 2286-2
25 oz. / sq.yd.
ASTM D-751.10

3000/3000 N/50 mm
DIN EN ISO 1421/V1

320 / 300 lbs. / in.
ASTM D-751 Procedure B

250/250 N
DIN 53363

60 / 60 lbs.
ASTM D-751
(8" x 10") Specimen

20 N/cm
PA 09.03 (intern)
11 lbs. / in.
ASTM D-751 RF Weld

-30 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-22 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

>100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

7318 5340

Mainstream
no lacquer

PVC

PBX

0,8 mm
0.031 in.

1000 g/m²
EN ISO 2286-2
29.5 oz. / sq.yd.
ASTM D-751.10

3000/3000 N/50 mm
DIN EN ISO 1421/V1

320 / 300 lbs. / in.
ASTM D-751 Procedure B

250/250 N
DIN 53363

60 / 60 lbs.
ASTM D-751
(8" x 10") Specimen

20 N/cm
PA 09.03 (intern)
11 lbs. / in.
ASTM D-751 RF Weld

-30 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-22 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

>100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

7307 5342

Mainstream plus
both sides lacquered

PVC

PBX

0,9 mm
0.035 in.

1050 g/m²
EN ISO 2286-2
31 oz. / sq.yd.
ASTM D-751.10

3000/3000 N/50 mm
DIN EN ISO 1421/V1

320 / 300 lbs. / in.
ASTM D-751 Procedure B

250/250 N
DIN 53363

60 / 60 lbs.
ASTM D-751
(8" x 10") Specimen

20 N/cm
PA 09.03 (intern)
11 lbs. / in.
ASTM D-751 RF Weld

-30 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-22 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

>100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

7311 5340

Heavy
no lacquer

PVC

PBX

1,2 mm
0.047 in.

1450 g/m²
EN ISO 2286-2
42.8 oz. / sq.yd.
ASTM D-751.10

3000/3000 N/50 mm
DIN EN ISO 1421/V1

320 / 300 lbs. / in.
ASTM D-751 Procedure B

250/250 N
DIN 53363

60 / 60 lbs.
ASTM D-751
(8" x 10") Specimen

20 N/cm
PA 09.03 (intern)
11 lbs. / in.
ASTM D-751 RF Weld

-30 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-22 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

>100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

7321 5342

Heavy plus
both sides lacquered

PVC

PBX

1,2 mm
0.047 in.

1450 g/m²
EN ISO 2286-2
42.8 oz. / sq.yd.
ASTM D-751.10

3000/3000 N/50 mm
DIN EN ISO 1421/V1

320 / 300 lbs. / in.
ASTM D-751 Procedure B

250/250 N
DIN 53363

60 / 60 lbs.
ASTM D-751
(8" x 10") Specimen

20 N/cm
PA 09.03 (intern)
11 lbs. / in.
ASTM D-751 RF Weld

-30 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-22 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

>100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

7330 5340

Powerstream
no lacquer

PVC

PBX

1,0 mm
0.039 in.

1200 g/m²
EN ISO 2286-2
35.4 oz. / sq.yd.
ASTM D-751.10

3800/3800 N/50 mm
DIN EN ISO 1421/V1

400 / 380 lbs. / in.
ASTM D-751 Procedure B

350/350 N
DIN 53363

80 / 80 lbs.
ASTM D-751
(8" x 10") Specimen

25 N/cm
PA 09.03 (intern)
14 lbs. / in.
ASTM D-751 RF Weld

-30 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-22 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

<100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

VALMEX®

Ausrüstung, finish

Beschichtung

Coating, Enduction, Spalmatura
Clase de recubrimiento, Покрытие

Dicke, Thickness, Épaisseur

Spessore; Espessura, Толщина

Gesamtgewicht

Total weight, Poids total
Peso total, Peso totale, Bec

Reißkraft

Tensile strength, Résistance rupture
Carga a la rotura
Resistenza alla trazione
Прочность на растяжение

Weiterreißfestigkeit

Tear strength, Résistance déchirure
Resistencia al desgarro
Resistenza alla lacerazione
Прочность на разрыв

Hafffestigkeit

Adhesion, Adhérence, Adherencia
Adesione, Адгезия

Temperaturbeständigkeit

Temperature resistance
Températures max. d'utilisation
Resistenza alla temperatura
Resistencia a la temperatura
Температурный режим

Lichtechtheit, Light fastness

Tenue du coloris à la lumière
Solidità alla luce, Solidez a la luz
Цветостойчивость

Knickfestigkeit

Crack resistance
Résistance aux pliages
Resistenza alla piegatura
Resistencia al pando
Прочность на изгиб

7317 5340

Yukon
no lacquer

PVC

PBX

0,8 mm
0.031 in.

1000 g/m²
EN ISO 2286-2
29.5 oz. / sq.yd.
ASTM D-751.10

3000/3000 N/50 mm
DIN EN ISO 1421/V1

320 / 300 lbs./in.
ASTM D-751 Procedure B

300/300 N
DIN 53363

60 / 60 lbs.
ASTM D-751
(8" x 10") Specimen

20 N/cm
PA 09.03 (intern)
11 lbs. / in.
ASTM D-751 RF Weld

-30 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-22 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

>100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

7328 5340

Life raft
no lacquer

PVC

PBX

0,55 mm
0.022 in.

630 g/m²
EN ISO 2286-2
18.5 oz. / sq.yd.
ASTM D-751.10

1800/1800 N/50 mm
DIN EN ISO 1421/V1

230 / 220 lbs./in.
ASTM D-751 Procedure B

170/170 N
DIN 53363

25 / 25 lbs.
ASTM D-751
(8" x 10") Specimen

20 N/cm
PA 09.03 (intern)
11 lbs. / in.
ASTM D-751 RF Weld

-50 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-58 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

>100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

7324 5340

Life raft
no lacquer

PVC

PBX

0,55 mm
0.022 in.

640 g/m²
EN ISO 2286-2
18.8 oz. / sq.yd.
ASTM D-751.10

2600/2600 N/50 mm
DIN EN ISO 1421/V1

300 / 280 lbs. / in.

350/300 N
DIN 53363

40 / 40 lbs.
ASTM D-751
(8" x 10") Specimen

20 N/cm
PA 09.03 (intern)
11 lbs. / in.
ASTM D-751 RF Weld

-50 °C / +70 °C
EN 1876-1 /
PA 07.04 (intern)
-58 °F / +158 °F
ASTM D-2136 /
PA 07.04 (intern)

>6 Note
EN ISO 105 B02

>100.000 Keine Risse
DIN 53359 A No cracks
Pas de rupture
Nessuna piega
Sin roturas
без разрывов

Bei den angegebenen technischen Daten handelt es sich um Durchschnittswerte. Geringfügige Farbschwankungen vorbehalten. RAL-Farben in Anlehnung. Stets Gültigkeit der FR-Zulassung prüfen. Alle MEHGIES®-Produkte entsprechen der EU-Verordnung REACH (Registration, Evaluation, Authorisation of Chemicals). Die Herstellung unserer technischen Textilien ist nach DIN EN ISO 9001 : 2008 zertifiziert. Weitere Varianten auf Anfrage, Programmänderungen vorbehalten.

The indicated technical specifications are average values. Colours are subject to slight variations. References made to RAL are indications only. Always check the validity of fire certificate. All MEHGIES® products are in accordance with the European REACH directive (Registration, Evaluation and Authorisation of Chemicals). Manufactured in Germany under the internationally recognized standard of quality DIN EN ISO 9001 : 2008. Other versions upon request, program changes reserved.

Les données techniques indiquées sont des valeurs moyennes. Sous réserve de légers changements de coloris. Coloris approchants RAL. Veuillez toujours vérifier la validité des certificats anti-feu. Nos produits sont conformes à la réglementation Européenne REACH – enregistrement, évaluation et autorisation des substances chimiques. Toutes nos fabrications sont européennes selon les standards de qualité internationaux DIN EN ISO 9001 : 2008. Autres versions sur demande, sous réserve de modifications de la gamme.

I dati tecnici sono la risultanza di valori medi di produzione. Sono possibili leggere variazioni di colore. I colori sono prodotti in rispondenza alla scala RAL. Verificare sempre la validità delle certificazioni. Tutti i prodotti MEHGIES® rispondono alla normativa REACH (Registration, Evaluation and Authorisation of Chemicals). La produzione dei nostri tessuti è certificata secondo DIN EN ISO 9001 : 2008. Su richiesta, si possono produrre altre versioni. Modifiche della gamma sempre possibili.

Características técnicas indicadas en valores medios. Sujetas a pequeñas alteraciones del color. Referencias al RAL son solo indicativas. Siempre verificar la validez del certificado de ignición. Todos los productos de MEHGIES® cumplen la normativa REACH – Registration, Evaluation, Authorisation of Chemicals (Registro, Evaluación y Autorización de Sustancias Químicas). La fabricación de nuestros productos esta certificada según la DIN EN ISO 9001 : 2008. Otras variantes bajoconsulta. Posibles modificaciones sin previo aviso.

Все указанные технические данные базируются на основе выявленных средних показателей. Цвета приближены к RAL. Незначительные цветовые отклонения возможны. Все продукты MEHGIES® соответствуют ЕС директиве «REACH» (Registration, Evaluation and Authorisation of Chemicals). Проверяйте срок действия сертификата пожарной безопасности. Произведено и сертифицировано в Германии согласно нормативам стандартов качества DIN EN ISO 9001 : 2008. Другие варианты по запросу. Возможны изменения в программе.

VALMEX® ist recycelbar. VALMEX® is recyclable. VALMEX® est recyclable. VALMEX® è riciclabile. VALMEX® es reciclable. VALMEX® рециркулируется.

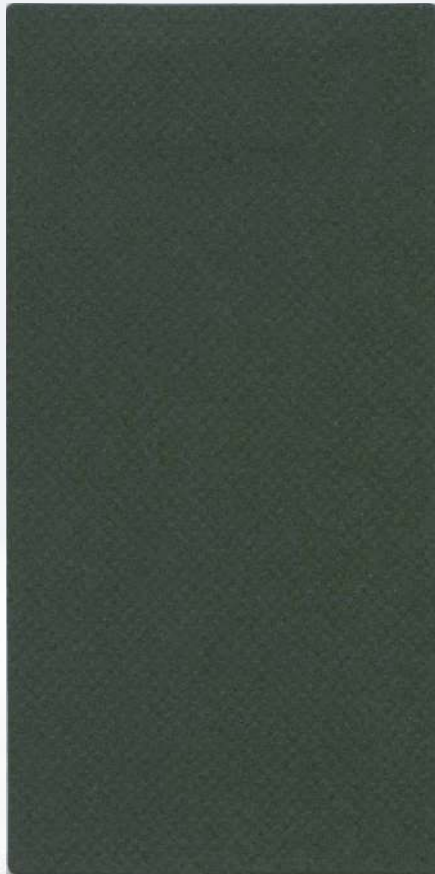
VALMEX® 7310 Mainstream light



150 cm

Color
785

VALMEX® 7318 Mainstream

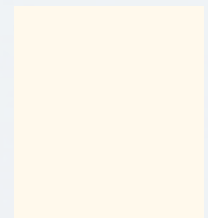


150 cm

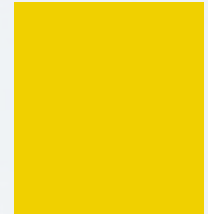
Colors
907
104
350
573
547
691
729
785
783
905

204 cm

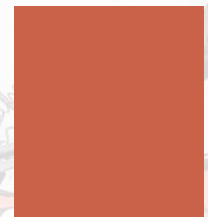
Colors
350
785



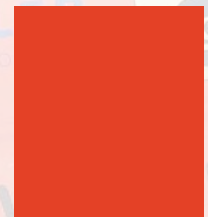
907



104

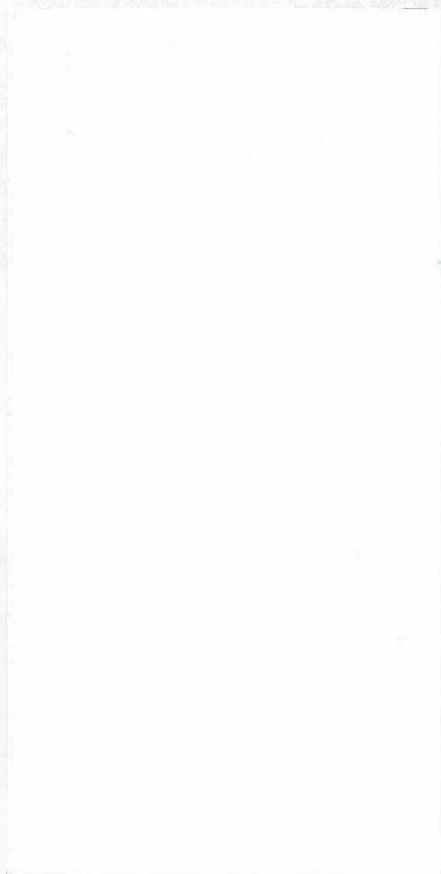


241



205

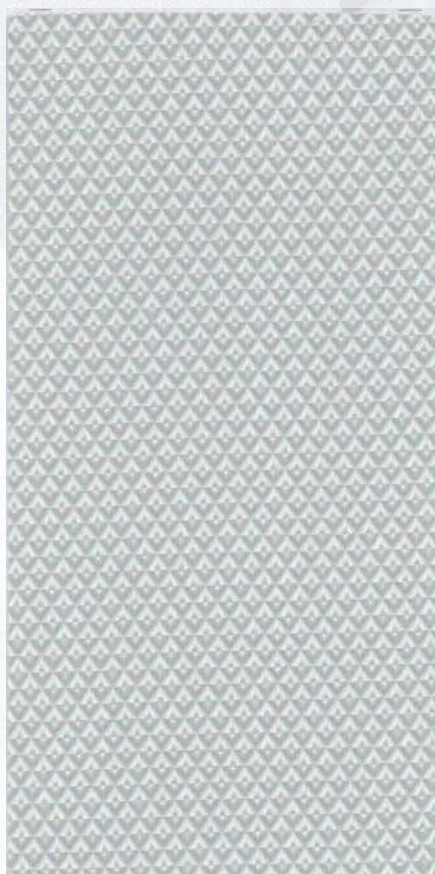
VALMEX® 7307 Mainstream plus



204 cm

Color
907

**VALMEX® 7318 Rough Skin
(skid-proof surface)**



150 cm

Colors
729
785
905



340



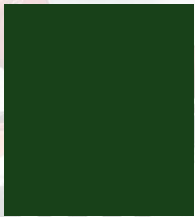
350



573



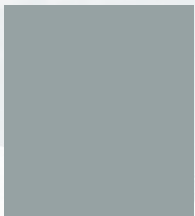
547



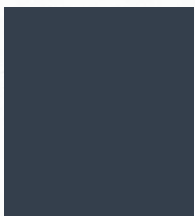
691



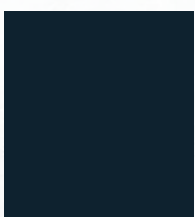
729



785



783



905

VALMEX® 7311 Heavy



150 cm

Colors

- 104
- 350
- 573
- 729
- 783
- 905

VALMEX® 7321 Heavy plus



150 cm

Colors

- 907
- 205
- 340
- 547
- 729
- 783

VALMEX® 7330 Powerstream



204 cm

Color

- 783

VALMEX® 7317 Yukon

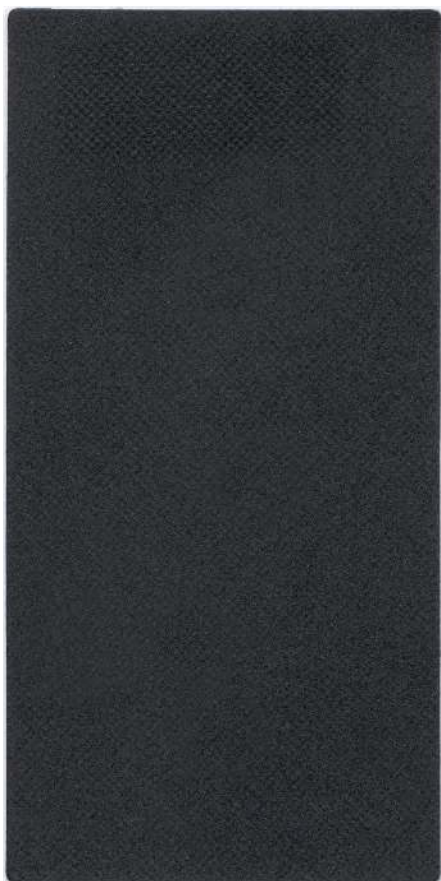


150 cm

Color

- 418729

VALMEX® 7328 Life raft



180 cm

Color
905

VALMEX® 7324 Life raft



180 cm

Colors
241
905

Die **VALMEX® boat life raft**-Produktlinie hat exzellente Eigenschaften in Bezug auf Kältebeständigkeit. Die sehr weiche und flexible Beschichtung dieser Leichtgewichts-Produkte sorgt für einfache Handhabung und Zusammenfaltbarkeit. Diese Kombination aus Eigenschaften macht **VALMEX® boat life raft** zu einem verlässlichen Produkt in einer Notsituation.

La ligne de produits **VALMEX® boat life raft** présente des propriétés excellentes en termes de résistance au froid. L'enduit très souple et flexible de ce produit léger en simplifie le maniement et le pliage. La combinaison de toutes ces propriétés fait que **VALMEX® boat life raft** est un produit fiable dans les situations critiques.

La línea de productos **VALMEX® boat life raft** posee excelentes propiedades referente a su resistencia al frío. El revestimiento muy suave y flexible de estos productos de peso ligero asegura un manejo fácil y una buena capacidad de plegado. Esta combinación de propiedades convierte a **VALMEX® boat life raft** en un producto seguro en situaciones de emergencia.

The **VALMEX® boat life raft** range has excellent properties regarding cold resistance. The very soft and flexible coating of these lightweight products make them easy to handle and very foldable. These combined properties make **VALMEX® boat life raft** a reliable product in an emergency situation.

La linea di prodotti **VALMEX® boat life raft** possiede eccellenti caratteristiche per quanto riguarda la resistenza alle basse temperature. La spalmatura molto morbida e flessibile di questi prodotti leggerissimi garantisce un'ottima maneggevolezza e una facilità di ripiegatura. Sono queste peculiarità che rendono **VALMEX® boat life raft** un prodotto affidabile anche in situazioni di emergenza.

Линейка продуктов **VALMEX® boat life raft** имеет превосходные характеристики устойчивости к низким температурам. Очень мягкое и гибкое покрытие этих продуктов, отличающихся небольшим весом, обеспечивает удобство в обращении и возможность складывать их. Такое сочетание характеристик делает **VALMEX® boat life raft** надежным продуктом для экстренных ситуаций.



Technical datasheet No.: **1138.5**
Product: VALMEX® inflatable boat - heavy PVC
Article No.: 7311 5340

Type of coating and finish			
Type of coating	PVC		
Total weight	1450 g/m ²	EN ISO 2286-2	
Tensile strength warp/weft	3000 / 3000 N/50 mm	EN ISO 1421/V1	
Tear strength warp/weft	250 / 250 N	DIN 53363	
Adhesion	20 N/cm	PA 09.03 (intern)	
Cold resistance	-30 °C	EN 1876-1	
High Temperature	+70 °C	PA 07.04 (intern)	
Light fastness	>6 Note, Value	EN ISO 105 B02	
Crack resistance	no cracks	100000 x	DIN 53359 A
Base fabric			
Material	PES	DIN EN ISO 2076	
Yarn count	1100 dtex	DIN EN ISO 2060	
Weave	L 1/1		

These indicated technical data are based on average results. Due to production procedures deviations up to -5% can occur. All technical data are in accordance with the present standard of knowledge and give product information without legal binding. All data apply to new products. Applications suggested do not release the customer to test material for its intended application.