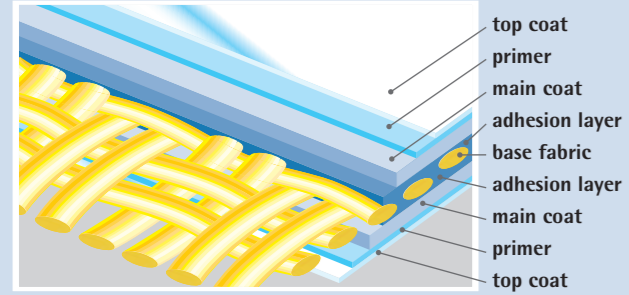


VALMEX® MEHATOP F

Mehler Technologies' membrane VALMEX® MEHATOP F is a multi-layer composite material with special densely woven low-wick yarns in the base fabric. The surface lacquering, that includes PVDF lacquer (MEHATOP F) developed by Mehler Technologies, finishes the material with a double top coat that has a protective and refining effect.



Schematic sectional drawing of VALMEX® MEHATOP F

The advantages of VALMEX® MEHATOP F:

- Attractive widths**
- fewer seams**
- lower manufacturing costs**
- VARIO-STRETCH: less stretch in warp direction than in weft direction**
- lighter equipment**
- shorter assembly times**
- lower erecting costs**
- easier handling**
- higher safety**
- more durable**
- attractive appearance**
- directly weldable**
- very flexible**
- high strength**
- lacquered both sides**
- high gloss**
- no need to grind**

Fabrics are certified by:



Mehler Technologies - around the world

	Germany	Manufacturing and sales Mehler Technologies GmbH Rheinstrasse 11 D-41836 Hückelhoven info@mehler-technologies.com		Romania	SC Mehler Technologies S.R.L. Str. Linia de Centura Nr.2, D2 RO-077175 Stefanesti de Jos (Judetul Ilfov) office@mehler-technologies.ro
	Czech Republic	Mehler Technologies GmbH Edelzeller Strasse 44 D-36043 Fulda info@mehler-technologies.com		Turkey	Mehler Technologies Ltd. Şti. Bağcılar, Güngören Sanayi Sitesi İkitelli Organize Sanayi 18'ci Blok - No. 25-27-29 Küçükçekmece, TR-İstanbul info-tr@mehler-technologies.com
	U.S.A.	Mehler Technologies s.r.o. Karla Čapka 1085 CZ-512 51 Lomnice nad Popelkou info@mehler-technologies.cz		U.S.A.	Mehler Technologies, Inc. 220 B Cabell Street Martinsville, VA 24112 lvia@mehlertex.com
	France	Sales companies and Sales offices Mehler Technologies SARL Bât. A1 3 chemin des Cytises F-69340 Francheville info-fr@mehler-technologies.com		United Arab Emirates	Mehler Technologies Middle East Dubai Airport Free Zone P.O.Box 293634 Dubai-UAE n.benfrej@mehler-technologies.com
	United Kingdom	Mehler Technologies Ltd. Office 008, The Business Centre, Futures Park, Bacup, Rossendale, OL13 0BB info-uk@mehler-technologies.com		India	Mehler Technologies India Plot No. 52, Udyog Vihar Phase - VI, Sector 37, Gurgaon - 122001 India info@mehler.in
	Italy	Mehler Technologies S.p.A. Via Enrico Fermi 52 I-20019 Settimo Milanese info-it@mehler-technologies.com		Russia	Mehler Technologies Russia info@mehler-technologies.com
	Latvia	Mehler Technologies SIA Maskavas iela 418 LV-1063 Riga info@mehler-technologies.lv		China	EUSOURCE INTERNATIONAL Guangzhou Office R.806 Goayage Tianyu Garden 152 Linhe Zhong Road Guangzhou 510610 brigittehuang@googlemail.com
	Poland	Mehler Technologies Sp. z o.o. ul. Mikołajczyka 31a PL-41-200 Sosnowiec info-pl@mehler-technologies.com			

VALMEX® structure



www.mehler-technologies.com

V314/08/2011

VALMEX® MEHATOP F

both sides PVDF lacquer

700 g/m²

VALMEX® FR 700 MEHATOP F, Type I

900 g/m²

VALMEX® FR 900 MEHATOP F, Type II

1050 g/m²

VALMEX® FR 1000 MEHATOP F, Type III

1350 g/m²

VALMEX® FR 1400 MEHATOP F, Type IV

1550 g/m²

VALMEX® FR 1600 MEHATOP F, Type V

VALMEX® MEHATOP F

varieties

VALMEX® FR MEHATOP F, highly translucent

VALMEX® MEHATOP M

top side metallic lacquer

952 metallic gold

911 metallic silver

951 metallic bronze

VALMEX®

Art.	FR 700 Type I	FR 900 Type II	FR 1000 Type III	FR 1400 Type IV	FR 1600 Type V
Finish	PVDF-lacquer on both sides, protected against microbial and fungal attack, UV-protected, low-wick				
Total weight	700 g/m ²	900 g/m ²	1050 g/m ²	1350 g/m ²	1550 g/m ²
Tensile strength kN/m	60/60	86/84	120/110	160/140	200/180
N/50 mm DIN EN ISO 1421/V1	3000/3000	4300/4200	6000/5500	8000/7000	10000/9000
Tear strength DIN 53363	300/300 N	500/500 N	900/800 N	1200/1200 N	2000/2000 N
Flame retardancy	BS 7837 California T 19 D.M.26.06.84(UNI 9177):L2 DIN 4102: B1 NFP 92507: M2 SIS 650082	BS 7837 California T 19 DIN 4102: B1	BS 7837 California T 19 DIN 4102: B1	BS 7837 California T 19 DIN 4102: B1	BS 7837 DIN 4102: B1
Most common width	250 cm	250 cm	250 cm	250 cm	250 cm
Welding	weldable without grinding and with common welding equipment				

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 to test material for its intended application. Colours are subject to slight variations. Always check the validity of fire certificate.

VALMEX® is recyclable.

All products of our technical textiles 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**.

Higher strengths on request, program changes reserved.