



# VALMEX® SHADOW

SMART TEXTILES FOR  
PERMANENT STRUCTURES

Innovation · Performance · Sustainability

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**Attention!**

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**MEHGIES® VALMEX®**

*One Side*

**SHADOW**

*PVDF TopCoat*

**700 g/m<sup>2</sup>**



MEHGIES® VALMEX® SHADOW FR 700, Type I (7241)

**900 g/m<sup>2</sup>**



MEHGIES® VALMEX® SHADOW FR 900, Type II (7242)

**1050 g/m<sup>2</sup>**



MEHGIES® VALMEX® SHADOW FR 1050, Type III (7243)

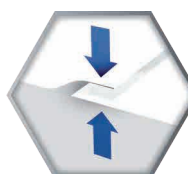
# MEHGIES® VALMEX®

One Side

# SHADOW

PVDF TopCoat

MEHGIES® VALMEX® Art.			SHADOW FR 700 Type I 7241	SHADOW FR 900 Type II 7242	SHADOW FR 1050 Type III 7243
Measurement Methods/ Classifications		Unit			
<b>MATERIAL COMPOSITION</b>					
Type of coating			PVC	PVC	PVC
Type of Finish			PVDF tempered lacquer on top side, protected against microbial and fungal attack, UV-protected	PVDF tempered lacquer on top side, protected against microbial and fungal attack, UV-protected	PVDF tempered lacquer on top side, protected against microbial and fungal attack, UV-protected
Base fabric	DIN EN ISO 2076		PES	PES	PES
Total weight	EN ISO 2286-2	g/m <sup>2</sup>	700	900	1050
Yarn count	DIN EN ISO 2060	dtex	1100	1100	1670
Base fabric Weave			L 1/1	P2/2	P 2/2
<b>PROPERTIES</b>					
Tensile strength warp/weft	EN ISO 1421/V1	N/50 mm	3000 / 3000	4300 / 4000	5700 / 5200
Tear strength warp/weft	DIN 53363	N	300 / 300	500 / 480	900 / 800
Adhesion	PA 09.03 (intern)	N/cm	25	25	25
Cold resistance.	EN 1876-1	°C	-30	-30	-30
High Temperature	PA 07.04 (intern)	°C	+70	+70	+70
Light fastness	EN ISO 105 B02	Note, Value	>6	>6	>6
Crack resistance	DIN 53359 A	No. of Foldings	"100.000 - No Cracks"	"100.000 - No Cracks"	"100.000 - No Cracks"
Burning behaviour	DIN 4102 B1		Flame Retardent	Flame Retardent	Flame Retardent plus ASTM E 84 Class A
Standard colour			white, beige	white, beige	white, beige



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More information about THE MAC  
and our tensile architecture products are available on:

[www.mehgies.com/mta](http://www.mehgies.com/mta)



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