

Wendt



ACHILLES VINISTAR FRX-EX FIRE RETARDANT PVC FILM

**CERTIFIED PVC FILM TO IMPROVE THE
SAFETY OF YOUR PRODUCTS AND SURROUNDINGS**

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The Vinistar FRX is a fire retardant PVC film that has been specially developed for applications where safety is very important. For example, tents, marquees, flexible partitions and domes. We offer a number of fire retardant PVC films in our Vinistar FRX range that are tested by an independent laboratory according to German DIN 4102-B1, DIN 4102-B2 and French NF P 92-503 (M2) standards.

Furthermore the PVC film offers excellent transparency, UV stabilised and suitable for the most demanding weather conditions. The PVC film can be processed by both high frequency and hot air welding. You can also easily stitch the film into, for example, polyester-, nylon- or PVC-coated industrial fabric.

Product features

- REACH compliant
- DIN 4102-B1 certified
- UV resistant
- Excellent transparency
- Double polished
- Easy maintenance

Good to know

- Consistent quality
- Delivery out of stock
- Various thicknesses and widths
- Independently tested

MORE INFORMATION

For more information about our products please contact our sales department by sending an e-mail to sales@wendt-europe.com or call +31 (0) 252 516 938.

Achilles		Vinistar FRX-EX	Vinistar FRX-EX Wide
Thickness		0,50mm	0,50mm
Width		137cm	183cm
Length		50m	30m
Color			
Hand		45phr/3S	45phr/3S
Weldable		Yes	Yes
Light Transmission [%] / JIS K-7051		87,49 (-)	87,49 (-)
Tensile strength / [N] / JIS K-6732	MD	149,0	149,0
	TD	144,0	144,0
100% Modulus (N) / JIS K-6732	MD	67,0	67,0
	TD	44,0	44,0
Tear strength / [N] / JIS K-6732	MD	41,0	41,0
	TD	39,0	39,0
Elongation / [%] / JIS K-6732	MD	304	304
	TD	312	312
Cold Crack test [°C] / JIS K-6772	MD	-25	-25
	TD	-25	-25
50°C x10min. [%]			

NEW PRODUCT				
Vinistar FRX-EX				Test Method
137cm				
30m				
CLEAR				
45phr/3S				
Yes				
MD	TD			Remarks
0,75mm		Dial Gauge	[mm]	ISO 527 mutatis mutandis
85,73		Transmission	[%]	ASTM D1003 mutatis mutandis
2,59		Haze	[%]	ISO 527 mutatis mutandis
13	12	5% MD	[N]	
2	2		[MPa]	
67	63	50% MD	[N]	
9	8		[MPa]	
107	98	100% MD	[N]	
14	13		[MPa]	
225	209	Strength	[N]	
30	28		[MPa]	
305	334	Elongation	[%]	
63	61	Elmendorf	[N]	ASTM 1004 mutatis mutandis
83	81		[N/mm]	
-30	-20	Cold Resistance		JIS mutatis mutandis
		Heat Dimensional Stability		ASTM D1204 mutatis mutandis
-1,42	0,58			ASTM D1499 mutatis mutandis

Remarks:

M.D. = MACHINE DIRECTION T.D. = TRANSVERSE DIRECTION JIS = JAPANESE INDUSTRIAL STANDARD
Information stated on this Data Sheet is for reference purposes and is to the best of our knowledge, true and reliable.
Results cannot be guaranteed.

