



Technical datasheet No.: **1144.3**  
**Product:** POLYMAR® FR COLOR 900  
**Article No.:** 8540 5240

<b>Type of coating and finish</b>			
Type of coating	<b>PVC</b>		
Finish	<b>Acrylic lacquer on both sides, protected against microbial and fungal attack, UV-protected</b>		
Flame retardancy	<b>BS 7837, CERF Categoria 2, DIN 4102: B1, NFP 92507: M2, ÖNorm: B1</b>		
for flame retardancy	<b>always check the validity of fire certificate</b>		
Total weight	<b>890</b> g/m <sup>2</sup>	EN ISO 2286-2	
Tensile strength (warp/weft)	<b>4300 / 4000</b> N/50 mm	DIN 53354, DIN EN ISO 1421/V1	
Tear strength (1) (warp/weft)	<b>500 / 500</b> N	DIN 53363	
Adhesion (1)	<b>20</b> N/cm	LB 3.04-1 (Complan)	
Cold resistance	<b>-30</b> °C	DIN 53361	
High Temperature	<b>+70</b> °C	Directive Complan	
Light fastness	<b>&gt;6</b> Note, Val.	DIN 54004, DIN EN ISO 105 B02	
Crack resistance (1)	no cracks	<b>&lt; 100000</b> x	DIN 53359 A
<b>Base fabric</b>			
Material	<b>PES</b>	DIN ISO 2076	
Yarn count	<b>1100</b> dtex	DIN ISO 2060	
Weave	<b>P 2/2</b>		
for base fabric	<b>Base fabric not inspected, not low-wick treated</b>		

These indicated technical data are based on average results. Due to production procedures slight deviations 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.