



TECHNICAL DATA SHEET
NBR/PVC3

For Hydrocarbons

PES (polyester) Fabric coated by NBR/PVC provides resistance against influences of UV rays, ozone and other heavy weather conditions.

> TECHNICAL CHARACTERISTICS

PHYSICAL CHARACTERISTIC	UNITS	STANDARD METHOD	REQUIREMENTS	ACHIEVED VALUES
Total weight	g/m ²	ASTM-D 751	1650	1650+-50
Thickness	mm	ASTM -D 751	1,2	1,2+-0,05
Tensile strength -warp	N/5cm	DIN 53354	Min 2500	5600+-200
Tensile strength -weft	N/5cm	DIN 53354	Min 2500	5100+-400
Elongation at break-warp	%	DIN 53354	Min 10-15	13
Elongation at break-weft	%	DIN 53354	Min 14-25	19
Tearing - weft/	N	DIN 53356	Min 150	200+-30
Tearing - warp	N	DIN 53356	Min 150	163+-3
Abrasion	mm ³	DIN 53516	340	
Adhesion rubber-ply	N/cm	ASTM D751	Min 55	65+-6
Ozone resistance, 168 hours, 200 pphm		ASTM-D 1149	No crack	No crack
Sun test CPC		DIN 75202	6-8	7+-1
Temperature resistance	stC	DIN 53361	-30 / +90	yes
Colour			Sand	
Resistance against oil derivatives (D1)	mg/cm ²	DIN 53521	> after 14 days > after 21 days	3,1+-0,3 2,7+-0,1

Possible application: flexible containers, suitable for the contact with drinking water, approved to the KTW recommendations of the German health authorities.