

# Material properties/ applications for synthetic foil

Material:	Aquatex EX®	Aquatex® PVC	Aquatex® Extreme	Aquatex® EPDM	Genatex® 900 Plus
<b>Property:</b>					
Material	Polyolefine	PVC	PVC	EPDM	Reinforced PVC
Thickness [mm]	0.6 – 1.0	0.5 – 1.0	0.7	0.75-1.0	0.75
Weight [gr/m <sup>2</sup> ]	485 (0.5 mm)	650 (0.5 mm)	950	900 (0.75)	1300
Plasticiser	No	Yes	Yes	No	Yes
Temp.resistance					
- Heat	++	+	++	+++	++
- Cold	++	+/-	+/-	++	+/-
U.V. resistance	++	+	++	+++	++
Chemical resistance	+++	+	++	+++	+
Repair options:					
- welding (hot air)	Yes	Yes	Yes	No	Yes
- gluing	No	Yes	Yes	Yes	Yes
<b>Application:</b>	Water storage	Water storage	Water storage	Water storage	Water storage
Reservoirs	Yes	Yes	Yes	Yes	
Tank liners	Yes	Yes	Yes	Yes	Yes
Rain water	Yes	Yes	Yes	Yes	Yes
Recirculation water (drain)	Yes	No	Yes	Yes	Yes
Chlorine water	No	≤ 0.5 ppm	≤ 3 ppm	No	No

- For PVC liners higher than 3.5 meters and placed outside, the warranty expires.
- Contact Genap regarding the addition of additives to the water and special cleaning methods as they may affect the life time of the liners significant .