

## C. DLW delifol pond linings

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### C.1 DLW delifol TG

DLW delifol TG has been designed for artificial ponds, fish raising ponds, reservoirs and service water basins, fire fighting ponds, etc.

**DLW delifol TG** = lining sheets of PVC-P, reinforced with high tensile fabric.

DLW delifol TG linings are suitable to protect basins and reservoirs against contained water pressure.

### C.2 Properties

Properties of DLW delifol TG pond linings:

- physiologically unobjectionable
- does not rot or weather
- dimensionally stable with high tensile strength (due to high tensile fabric)
- permanently elastic and cold flexible
- can be installed made to measure by swimming pool specialists in situ ensuring a perfect fit
- material homogeneous seam connections
- extraordinarily easy maintenance
- ecologically acceptable, can be recycled, saves energy and resources
- stable against UV radiation
- high economic efficiency due to very good cost-performance ratio
- colour dark grey

## D. DLW delifol pond linings

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### D.1 DLW delifol STG/BTG

DLW delifol STG/BTG has been designed for pond systems, artificial ponds, fish raising ponds, reservoirs and service water basins, fire fighting ponds, etc.

**DLW delifol STG/BTG** = lining sheets of PVC-P, reinforced with high tensile fabric.

DLW delifol STG + BTG linings are suitable to protect basins and reservoirs against contained water pressure. Basins of any desired size, shape, and construction can be lined.

DLW delifol STG + BTG is installed in situ "made to measure" and welded together homogeneously. For installation guidelines please refer to the rules of trade, to the requirements of the appropriate standards, and the installation instructions for PVC-P swimming pool linings of Armstrong DLW AG. (Refer to item F.2 Construction principles)

### D.2 Properties

Properties of DLW delifol STG + BTG pond linings:

- physiologically unobjectionable
- dimensionally stable with high tensile strength (due to high tensile fabric)
- permanently elastic and cold flexible
- stabilized against UV radiation
- ecologically acceptable, saves energy and resources
- colour light green in accordance with RAL 6017 for STG, colour sand in accordance with RAL 1015 for BTG
- meets the requirements of DIN 16 734

## C./D. Test values DLW delifol pond linings TG/STG/BTG

	Norm	Unit	Kind	TG	STG	BTG	Requirements
Colour				dark grey	light green	sand	
Thickness	DIN EN ISO 2286-3	mm		1,2	1,5	1,5	+0,2/-0,15
Integrated fabric				yes	yes	yes	
Weight per area	DIN EN ISO 2286-2	kg/m <sup>2</sup>		1,45	1,70	1,70	±0,2/-0,1
Tensile strength	DIN 53354	N/5 cm	longitudinal transverse	>1000 >1000	>1100 >1100	>1100 >1100	
Elongation at break	DIN 53354	%	longitudinal transverse	>15 >15	>15 >15	>15 >15	
Tear propagation resistance	DIN 53363	N	longitudinal transverse	>220 >220	>260 >260	>260 >260	
Separation resistance	DIN 53357	N/5 cm	longitudinal transverse	>100 >100	>110 >110	>110 >110	
Dimensional stability (Maß-/Formbeständigkeit)?!	DIN 53377	%	longitudinal transverse	±0,48 ±0,20	±0,25 ±0,10	±0,25 ±0,10	±0,25 ±0,20
Resistance to cold	DIN 53361	°C		-30	-30	-30	
Light-fastness	DIN 53387	note		7	6	6	
Fibre density	DIN 61100-2	cm <sup>-1</sup>	longitudinal transverse	3 3	3 3	3 3	