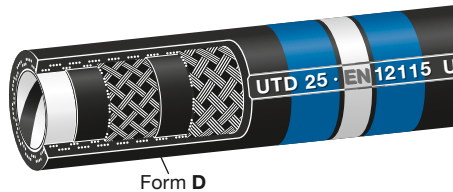


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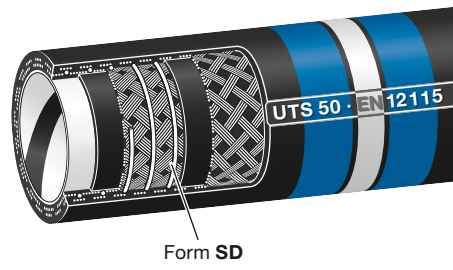
1 Section	Weight Approx. ≈ kg/m	Hose Size			Work. Pressure bar	Test Pressure bar	max. Vacuum bar	Bend. Radius mm	Coil Length ≈ m	Design Form	Part Number Type
		ID in.	ID mm	OD mm							
	0,3	1/2"	13	22	16	25	100	40	D	UTD 13	
	0,5	3/4"	19	31						UTD 19	
	0,6	1"	25	37						UTD 25	
	0,8	1 1/4"	32	44						UTD 32	
	1,0	1 1/2"	38	51						UTD 38	
<p>ELAFLEX UTD 25 · EN 12115 UPE · D · Ω/T · UNIVERSAL · 100°C · 16 BAR · · MADE IN GERMANY · 4Q-20</p> <p>Application: Pressure hose for discharge in wet and dry hose usage. Also suitable as reel hose provided the inner pressure reaches min. 0,5 bar to avoid kinking. Marking: Blue-white-blue bands every 0,5 mtr. Continuous embossing as per example.</p>											
	0,6	3/4"	19	31	16	25	0,9	40	SD	UTS 19	
	0,8	1"	25	37						UTS 25	
	1,0	1 1/4"	32	44						UTS 32	
	1,2	1 1/2"	38	51						UTS 38	
	1,8	2"	50	66						UTS 50	
	2,3	2 1/2"	63	79						(UTS 63)	
	2,6	3"	75	91						UTS 75	
	4,2	4"	100	116						UTS 100	
	5,5	5"	125	145						(UTS 125)	
	8,4	6"	150	172						(UTS 150)	
<p>ELAFLEX UTS 50 · EN 12115 UPE · SD · Ω/T · UNIVERSAL · 100°C · 16 BAR · · MADE IN GERMANY · 4Q-20</p> <p>Application: Suction and discharge hose for IBC's and barrels, rail tankers, tankers and fixed installations. The strong steel helix ensures that the hose maintains its shape during suction and gravity operations. Marking: Blue-white-blue bands every 0,5 mtr. Continuous embossing as per example.</p>											
	1,1	1 1/2"	38	52	10	16	0,8	150	40	SD	UTL 38
	1,8	2"	50	65							UTL 50
	2,2	2 1/2"	63	78							UTL 63
	2,9	3"	75	90							UTL 75
	3,9	4"	100	116							UTL 100
<p>ELAFLEX UTL 50 · EN 12115 UPE · SD · Ω/T · UNIVERSAL · 10 BAR · · MADE IN GERMANY · 4Q-20</p> <p>Application: Lightweight tanker hose suitable i.e. for unloading of rail tankers and for applications where special flexibility and easy handling is required. The mentioned bending radius is a safety value. Without visual signs of kinking, the hose might be bent further; if long time practice the UPE tube will have a reduced service life. Marking: Blue-white-blue bands every 1 mtr. Continuous embossing as per example.</p>											

Type UTD
without helix



Ω/T
EN 12115

Type UTS
with steel helix

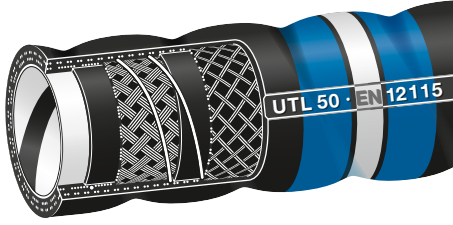


Blue-white-blue universal tank hoses for almost all liquid and pasty chemical and petroleum based products and solvents. Temperature range -40° up to +100°C depending on medium. Steaming out for cleaning and sterilisation permissible up to 130°C for max. 30 minutes (open ends). Meets EN 12115, Ω/T.

- Lining** : Ultra high molecular polyethylene UPE, white, with conductive OHM spiral stripe, smooth bore, abrasion resistant, no discoloration, el. conductive
- Reinforcement** : Thermoplast braids
Type **UTS** additionally with galvanised steel helix
- Cover** : EPDM, black, el. conductive, resistant against weather and ageing, flame resistant


Type UTL

Ω/T
EN 12115



- Lining** : Ultra high molecular polyethylene UPE, white, with spiral conductive stripe, smooth bore, abrasion resistant, no discoloration, el. conductive
- Reinforcement** : Thermoplast braids, galvanised double steel helix
- Cover** : EPDM, black, smooth surface with corrugations, el. conductive, resistant against weather and ageing, flame resistant

• **Universal Tank Hoses UTD, UTS, UTL**

<p>Colour coding according EN 12115 : blue-white-blue</p>	
<p>Chemical resistance – not suitable for:</p>	<p>Bromine, brominated hydrocarbons, chlorine, chlorosulfonic acid, fluorine and strongly oxidising acids such as conc. nitric acid, smoking sulfuric acid (oleum). For details see chemical resistance chart. If in doubt, please ask our sales department.</p>
<p>Leaching-out of substances from lining or intermediate layer</p>	<p>No</p>
<p>Discolouring of pure media</p>	<p>No – critical media such as toluene and acetone show no perceptible discolouring of the conveyed product, even if the hose is kept full (wet hose usage).</p>
<p>Lining complies with foodstuff regulations</p>	<p>Corresponds to the requirements of the FDA. Fulfills requirements of regulations (EU) No. 10/2011; (EC) No. 1935/2004, (EC) No. 2023/2006. and is conform to Consumer Goods Ordinance (BedGgstV) and the German Food and Feed Code (LFGB)</p>
<p>Melting point of lining material</p>	<p>133 – 135° Celsius</p>
<p>Maximum operating temperature</p>	<p>max. 100° Celsius (depending on medium)</p>
<p>Cleaning / steaming out</p>	<p>The smooth, 'non-stick' UPE lining allows good drainage and easy cleaning when changing medium. All commercially used cleaning and flushing liquids can be used. 'Open' steaming out and sterilisation is possible with saturated steam up to 130° C for max. 30 minutes. Do not use steam nozzles which can destroy the tube by localised overheating.</p>
<p>Handling</p>	<p>UTD and UTS: good flexibility. UTL: very good flexibility, low required bending forces/radii.</p>
<p>Assembly / self assembly of hose fittings</p>	<p>All hose couplings according to the EN 14420 standard are suitable. For safe hose assembly according to standard specifications the use of SPANNLOC or SPANNFIX safety clamps is recommended (see also catalogue, section 2).</p>
<p>Electrical conductivity</p>	<p>The inner black OHM conductive stripe (patent no. DE 44 36 971 C2) guarantees an electrical resistance through the hose wall and over the complete length of $R < 10^6$ Ohm. (Safety-engineering expertise ZAFT Ex 209906-9-1). The metallic conductive elements do not have to be connected to hose fittings to achieve electrical conductivity.</p>
<p>May be used for liquids in 'EX' zones 0 and 1?</p>	<p>Yes</p>