

# Syntex Aquaris LBM

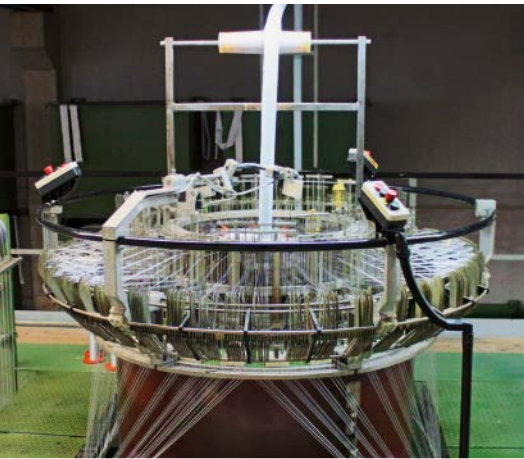
outside white plain | outside coated

## Construction

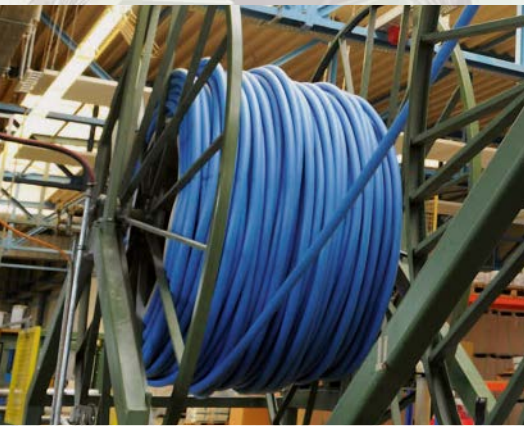
- inside: high quality, light, white food-resistant rubberlining on the basis of EPDM
- 100 % high tenacity synthetic polyester yarn, circular-woven twill weave, warp and weft threads multiple twisted (on request with woven copper wires)
- outside: variation 1: white plain jacket (uncoated)  
variation 2: coloured PU-coating  
(Standard colours: blue or yellow, others on request)

## Feature

- excellent abrasion resistance and durability  
→ suitable for extreme conditions
- easy cleaning and disinfection
- extremely resistant to aging
- ozone and UV resistant
- Cold-resistant up to - 40 °C
- Heat-resistant up to + 100 °C
- minimum friction loss
- minimum elongation



in the loom the rubberlining (= manchon) will be woven in the textile jacket



process of manufacturing endless hoses allows us to deliver lengths of more than 500 m in one section

## Technical Details

Diameter in Inch	Diameter in mm	Bursting Pressure in bar   in PSI	Working Pressure in bar   in PSI	outside white plain		outside coated		Theoretical Tensile Strength in kg
				Weight in g/m   in lbs/ft (+/- 5 %)	Wall Thickness in mm (+/- 0,2 mm)	Weight in g/m   in lbs/ft (+/- 5 %)	Wall Thickness in mm (+/- 0,2 mm)	
<b>Syntex Aquaris LBM (outside white plain)   Syntex Aquaris LBM (outside coated)</b>								
1	25	50   725	16   235	140   0,094	1,50	160   0,108	1,65	2.300
1 1/4	32	50   725	16   235	165   0,111	1,50	185   0,124	1,65	2.600
1 1/2	38	50   725	16   235	190   0,125	1,60	210   0,141	1,75	3.200
1 2/3	42	50   725	16   235	240   0,161	1,60	265   0,178	1,75	4.200
1 3/4	45	50   725	16   235	235   0,158	1,60	260   0,175	1,75	3.800
2	52	50   725	16   235	290   0,195	1,60	325   0,218	1,75	5.800
2 1/2	65	50   725	16   235	370   0,249	1,60	395   0,265	1,75	5.700
2 3/4	70	50   725	16   235	395   0,265	1,60	430   0,289	1,75	6.800
3	75	50   725	16   235	490   0,329	1,70	540   0,363	1,85	8.600
3 1/2	90	35   510	12   175	580   0,390	1,95	640   0,430	2,10	9.100
4	102	35   510	12   175	750   0,554	1,95	825   0,554	2,10	9.500
4 1/3	110	35   510	12   175	820   0,551	1,95	910   0,611	2,10	11.700

The data regarding bursting pressure and working pressure refer only to the pure hose without couplings. Changes in technical specification without prior notice.



**Syntex Aquaris LBM**  
(outside white plain)



**Syntex Aquaris LBM**  
(outside coated)



**Applications**  
suitable for municipal water, food industry, technical support