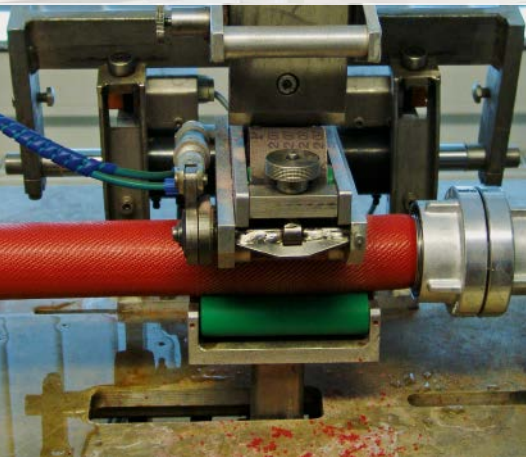




process of manufacturing endless hoses allows us to deliver lengths of more than 500 m in one section



permanent quality assurance in the own test laboratory

## Syntex 400 PU

outside coated

### Construction

- inside: high-quality, very light synthetic rubber on the basis of EPDM
- jacket of 100 % high tenacity synthetic polyester yarn, circular-woven twill weave, warp and weft threads multiple twisted
- outside: polyurethane coating (standard colour: red; other on request)

### Feature

- very light and flexible hose quality
- minimum maintenance
- extremely resistant to aging
- resistant to ozone and UV
- excellent abrasion resistance
- Cold-resistant up to  $-40^{\circ}\text{C}$
- Heat-resistant up to  $+100^{\circ}\text{C}$
- minimum friction loss because of very smooth inner lining
- suitable for sea water, hot water, many chemicals



Syntex 400 PU  
(outside coated)

## Technical Details

Diameter in Inch	Diameter in mm	Bursting Pressure in bar	Bursting Pressure in PSI	Working Pressure in bar – 1:3 Safety	Working Pressure in PSI – 1:3 Safety	Working Pressure in bar – 1:4 Safety	Working Pressure in PSI – 1:4 Safety	Weight in g/m (+/- 5%)	Weight in lbs/ft (+/- 5%)	Wall Thickness in mm (+/- 0,2 mm)	Theoretical Tensile Strength in kg
<b>Syntex 400 PU (outside coated)</b>											
1 (Storz)	25	40	580	14	205	10	145	130	0,087	1,45	2.300
1 (Geka)	27	40	580	14	205	10	145	135	0,091	1,45	2.300
1 1/4	32	40	580	14	205	10	145	165	0,111	1,45	2.600
1 1/2	38	40	580	14	205	10	145	190	0,128	1,55	3.200
1 1/2	40	40	580	14	205	10	145	210	0,141	1,55	3.200
1 2/3	42	40	580	14	205	10	145	240	0,161	1,55	4.200
1 3/4	45	40	580	14	205	10	145	235	0,158	1,55	3.800
2	52	40	580	14	205	10	145	290	0,195	1,55	5.800
2 1/6	55	40	580	14	205	10	145	280	0,188	1,55	4.600
2 1/2	64	40	580	14	205	10	145	365	0,245	1,55	5.700
2 1/2	65	40	580	14	205	10	145	370	0,249	1,55	5.700
2 1/2	66	40	580	14	205	10	145	375	0,252	1,55	5.700
2 3/4	70	40	580	14	205	10	145	395	0,265	1,55	6.800
3	75	40	580	14	205	10	145	470	0,316	1,65	8.600
3 1/2	90	35	510	12	175	8	115	570	0,383	1,90	9.100
4	102	35	510	12	175	8	115	650	0,437	1,90	9.500
4 1/3	110	35	510	12	175	8	115	770	0,517	1,90	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.



## Applications

suitable for industry, construction, horticulture, agriculture, technical support