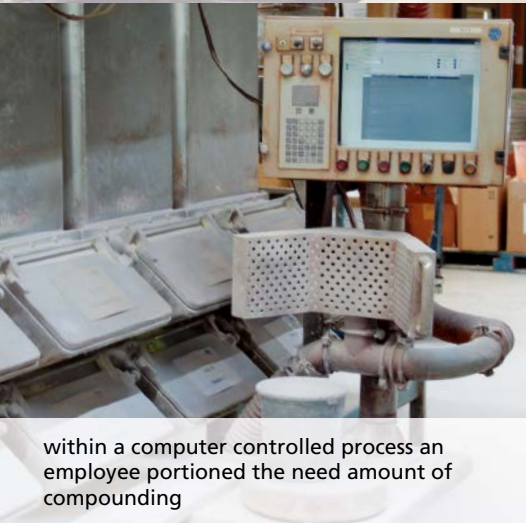


the clamp binding, in this example at a storz suction hose coupling, is an alternative to wire and is also suitable for the binding of hose couplings



within a computer controlled process an employee portioned the need amount of compounding

# Syntex Universal Syntex Universal Air

inside and outside rubberlined

## Construction

- inside: very smooth for minimum friction loss
- jacket of 100 % high tenacity synthetic polyester yarn, circular woven, embedded in a rubber compound provides optimum protection of the jacket
- high-quality Nitrile/PVC compound is forced through the jacket in the extrusion process (standard colour: black; other on request)
- outside: longitudinal ribs for excellent abrasion resistance

## Feature

- high abrasion resistance and durability by longitudinal ribs  
→ by trouble with a damage of the cover an easily repair is possible
- minimum maintenance
- extremely resistant to aging and ozone and UV
- temperature range from -40 °C up to +100 °C
- minimum friction loss because of very smooth inner lining
- suitable for sea water, hot water, oil, fuel, many chemicals



Syntex Universal  
(inside and outside  
rubberlined)



Syntex Universal Air  
(inside and outside  
rubberlined)



## 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 Universal (inside and outside rubberlined)</b>											
3/4	19	50	725	16	250	12	175	190	0,128	2,0	1.700
3/4	20	50	725	16	250	12	175	195	0,131	2,0	1.700
3/4	21	50	725	16	250	12	175	200	0,134	2,0	1.700
1 (Storz)	25	50	725	16	250	12	175	225	0,151	2,0	2.300
1 (Geka)	27	50	725	16	250	12	175	235	0,158	2,0	2.300
1 1/4	32	50	725	16	250	12	175	290	0,195	2,0	2.600
1 1/2	38	50	725	16	250	12	175	310	0,208	2,0	3.000
1 1/2	40	50	725	16	250	12	175	325	0,218	2,0	3.000
1 2/3	42	50	725	16	250	12	175	335	0,225	2,2	3.000
1 3/4	45	50	725	16	250	12	175	355	0,239	2,2	3.300
2	52	50	725	16	250	12	175	385	0,259	2,2	3.800
2	55	50	725	16	250	12	175	395	0,265	2,2	3.800
2 1/2	64	50	725	16	250	12	175	495	0,333	2,3	5.100
2 1/2	65	50	725	16	250	12	175	500	0,336	2,3	5.100
2 1/2	66	50	725	16	250	12	175	505	0,339	2,3	5.100
2 3/4	70	50	725	16	250	12	175	595	0,400	2,3	5.700
3	75	50	725	16	250	12	175	680	0,457	2,5	6.900
3 1/2	90	35	510	12	175	8	115	850	0,571	2,5	7.600
4	102	35	510	12	175	8	115	995	0,669	3,0	8.000
4 1/3	110	35	510	12	175	8	115	1.100	0,739	3,0	8.600
5	125	35	510	12	175	8	115	1.350	0,907	3,0	12.200
6 (Storz)	150	35	510	12	175	8	115	1.600	1,075	3,0	13.000
6 (Perrot)	154	35	510	12	175	8	115	1.650	1,109	3,0	13.000
8	205	30	435	10	145	7	100	2.250	1,512	3,0	23.000
<b>Syntex Universal Air (inside and outside rubberlined)</b>											
3/4	19 / 20 / 21	70	1015	24	350	18	265	195	0,131	2,0	1.700
1	25 / 27	60	870	20	290	15	220	230	0,155	2,0	2.300
1 1/4	32	60	870	20	290	15	220	290	0,195	2,0	2.600
1 1/2	38	60	870	20	290	15	220	310	0,208	2,0	3.000
2	52	50	725	16	235	12	175	385	0,259	2,2	3.800

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, channel work, demolition contractors, horticulture, agriculture, refineries, compressors, pressing and pneumatic tools