

# Uncoated Single Jacket Fire Fighting Hose

**Syntex Signal (yellow dyed) | Syntex Signal Extra (yellow dyed)  
Syntex Signal Robust (yellow dyed)**

This hose quality is in the diameters C/42 mm, C/52 mm and B/75 mm available in the performance levels:

- L1 – Performance Level 1 – Syntex Signal (yellow dyed)
- L2 – Performance Level 2 – Syntex Signal Extra (yellow dyed)
- L3 – Performance Level 3 – Syntex Signal Robust (yellow dyed)

The higher the performance level the higher the abrasion resistance of the hose.

## Construction

- inside: high-quality, very light synthetic rubber on the basis of EPDM
- outside: jacket of 100 % high tenacity synthetic polyester yarn (colour: yellow dyed), circular-woven twill weave, warp and weft threads multiple twisted

## Feature

- highly visible because of the fluorescent signal colour in smoke and darkness → active safety  
→ reduces the risk of accidents during the operation
- very light and flexible hose quality
- minimum maintenance
- extremely resistant to aging and ozone and UV
- excellent abrasion resistance
- temperature range from –40°C up to +100°C
- minimum friction loss because of very smooth inner lining
- suitable for sea water, hot water, many chemicals

## Approvals/Certificates

- DIN 14811:2008-01+A2:2014-08
- Germanischer Lloyd

Approvals or Certificates mailed to you on demand.



weaving process of jacket with incoming rubberlining



hoses during vulcanizing process



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(yellow dyed)**

impact- and abrasion  
protection

## 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>Uncoated Single Jacket Fire Fighting Hose (yellow dyed)</b>											
1 (Storz)	25	60 (DIN)	870	20	290	16 (DIN)	235	150	0,101	1,65	2.300
1 (Geka)	27	60 (DIN)	870	20	290	16 (DIN)	235	160	0,108	1,65	2.300
1 1/4	32	60 (DIN)	870	20	290	16 (DIN)	235	175	0,118	1,65	2.600
1 1/2	38	60 (DIN)	870	20	290	16 (DIN)	235	205	0,138	1,65	4.200
1 1/2	40	60 (DIN)	870	20	290	16 (DIN)	235	215	0,144	1,65	4.200
1 2/3	42	60 (DIN)	870	20	290	16 (DIN)	235	240	0,161	1,65	4.200
1 3/4	45	60 (DIN)	870	20	290	16 (DIN)	235	245	0,165	1,65	5.200
2	52	60 (DIN)	870	20	290	16 (DIN)	235	295	0,198	1,65	5.800
2 1/6	55	60 (DIN)	870	20	290	16 (DIN)	235	315	0,212	1,75	5.800
2 1/2	64	60 (DIN)	870	20	290	16 (DIN)	235	380	0,255	1,75	7.600
2 1/2	65	60 (DIN)	870	20	290	16 (DIN)	235	385	0,259	1,75	7.600
2 1/2	66	60 (DIN)	870	20	290	16 (DIN)	235	390	0,262	1,85	7.600
2 3/4	70	60 (DIN)	870	20	290	16 (DIN)	235	425	0,286	1,95	8.100
3	75	60 (DIN)	870	20	290	16 (DIN)	235	495	0,333	1,75	8.600
3 1/2	90	35 (DIN)	510	12 (DIN)	175	8	115	580	0,390	1,95	9.100
4	102	35 (DIN)	510	12 (DIN)	175	8	115	660	0,443	1,95	9.500
4 1/3	110	35 (DIN)	510	12 (DIN)	175	8	115	780	0,524	1,95	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 fire brigades, industry, marine, military, technical support