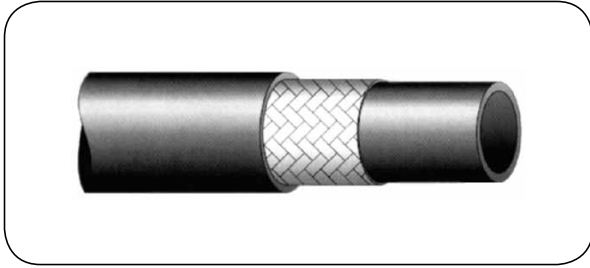


## CLEANING AND WASHING - high pressure

### Hoses for high pressure cleaning equipment

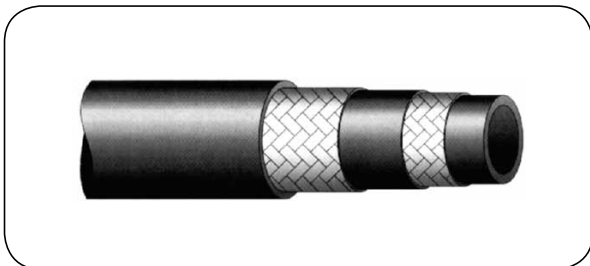


#### SUPER HYDRO WASH 1SC

**Internal layer:** Black, smooth synthetic rubber  
**Reinforcement:** One steel wire braid  
**External layer:** Pinpricked polyurethane  
**Working temp.** From -40°C up to +120°C  
 (with peaks up to +155°C)

Hose designed for hot water high pressure cleaning equipment. Resistant to detergents, oils, ozone and weather conditions. Excellent resistance to elongation and abrasion. The hose features exceptionally long service life. Assembly - contact Technical Department of TUBES INTERNATIONAL®.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/100 m]
HW-SHWASH1SC-06BL-PU	6.4	12.4	230	900	75	18.40
HW-SHWASH1SC-08BL-PU	7.9	14.1	230	860	85	21.60
HW-SHWASH1SC-10BL-PU	9.5	16.1	210	720	90	28.10



#### SUPER HYDRO WASH 2SC

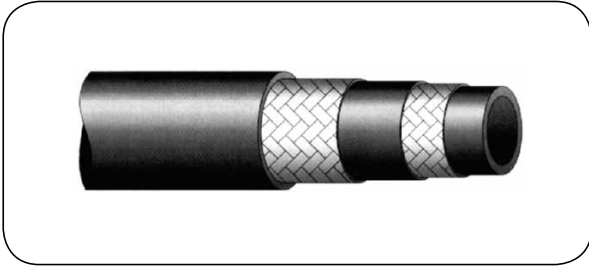
**Internal layer:** Black, smooth synthetic rubber  
**Reinforcement:** Two steel wire braid  
**External layer:** Pinpricked polyurethane  
**Working temp.** From -40°C up to +120°C  
 (with peaks up to +155°C)

Hose designed for hot water high pressure cleaning equipment. Resistant to detergents, oils, ozone and weather conditions. Excellent resistance to elongation and abrasion. The hose features exceptionally long service life. Assembly - contact Technical Department of TUBES INTERNATIONAL®.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/100 m]
HW-SHWASH2SC-06BL-PU	6.4	13.2	400	1600	80	26.00
HW-SHWASH2SC-08BL-PU	7.9	14.5	400	1400	95	31.00
HW-SHWASH2SC-10BL-PU	9.5	17	400	1320	105	37.00

# CLEANING AND WASHING - high pressure

## Hoses for high pressure cleaning equipment



### STAR WASH 500

**Internal layer:** Black, smooth synthetic rubber  
**Reinforcement:** Two steel wire braids  
**External layer:** Black, pinpricked synthetic rubber  
**Working temp.** From -10°C up to +155°C

Hose designed for hot water pressure cleaning equipment. Resistant to detergents, oils, ozone and weather conditions.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
SO-STARWASH500-06	6.6	13.1	500	1600	75	0.28
SO-STARWASH500-08	8.3	14.5	500	1600	60	0.34
SO-STARWASH500-10	9.9	17.1	500	1540	70	0.44
SO-STARWASH500-13	13	20.7	500	1380	90	0.54

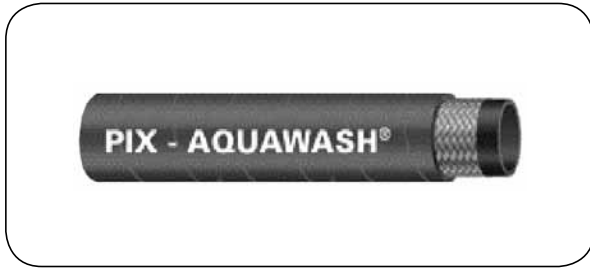
The standard complete hose assemblies with fittings and protectors. Other lengths and fittings - contact Technical Department of TUBES INTERNATIONAL®.

code	I.D. [mm]	O.D. [mm]	thread size (inlet)	thread size (outlet)	working pressure [bar]	length [m]
SO-STARWASH500-P1-10-10	9.9	17.1	M22x1.5 female	M22x1.5 female	500	10
SO-STARWASH500-P1-10-15						15
SO-STARWASH500-P1-10-20						20
SO-STARWASH500-P1-10-25						25
SO-STARWASH500-P2-10-10	9.9	17.1	3/8" BSP female	3/8" BSP female	500	10
SO-STARWASH500-P2-10-15						15
SO-STARWASH500-P2-10-20						20
SO-STARWASH500-P2-10-25						25
SO-STARWASH500-P3-10-10	9.9	17.1	M22x1.5 female	3/8" BSP female	500	10
SO-STARWASH500-P3-10-15						15
SO-STARWASH500-P3-10-20						20
SO-STARWASH500-P3-10-25						25



# CLEANING AND WASHING - high pressure

## Hoses for high pressure cleaning equipment



### AQUAWASH 1SN

**Internal layer:** Black synthetic rubber  
**Reinforcement:** One steel wire braid  
**External layer:** Black or blue synthetic rubber  
**Working temp.:** From -40°C up to +160°C

Hose designed for hot and cold water high pressure cleaning equipment. Resistant to abrasion, ozone and detergents. Not suitable for steam cleaning.

Standards - EN 1829-2:2008, EN 853 1SN - dimensional compatibility.

Assembly - contact TUBES INTERNATIONAL® Technical Department.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-AQUA1SN-06BK	6.4	13.2	250	900	100	0.23
HW-AQUA1SN-08BK	7.9	15	250	850	115	0.28
HW-AQUA1SN-10BK	9.5	17.3	250	825	130	0.36
HW-AQUA1SN-12BK	12.7	20.6	210	770	180	0.42

Code example:

- black hose: HW-AQUA1SN-06BK
- blue hose: HW-AQUA1SN-06BL



### AQUAWASH 2SN

**Internal layer:** Black synthetic rubber  
**Reinforcement:** Two steel wire braids  
**External layer:** Black or blue synthetic rubber  
**Working temp.:** From -40°C up to +160°C

Hose designed for hot and cold water high pressure cleaning equipment. Resistant to abrasion, ozone and detergents. Not suitable for steam cleaning.

Standards - EN 1829-2:2008, EN 853 2SN - dimensional compatibility.

Assembly - contact Technical Department of TUBES INTERNATIONAL®.

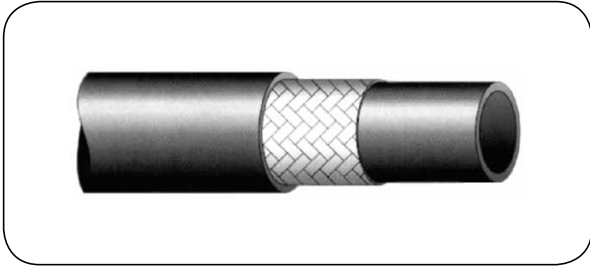
code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-AQUA2SN-06BK	6.4	14.9	400	1600	100	0.40
HW-AQUA2SN-08BK	7.9	16.7	400	1400	115	0.46
HW-AQUA2SN-10BK	9.5	19.1	400	1300	130	0.55
HW-AQUA2SN-12BK	12.7	22.1	400	1200	180	0.64

Code example:

- black hose: HW-AQUA2SN-06BK
- blue hose: HW-AQUA2SN-06BL

# CLEANING AND WASHING - high pressure

## Hoses for high pressure cleaning equipment



### HYDROWASH / 1

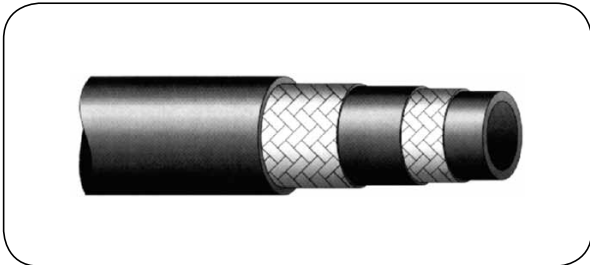
**Internal layer:** Black synthetic rubber  
**Reinforcement:** One steel wire braid  
**External layer:** Black or blue synthetic rubber (pinpricked)  
**Working temp.:** From -40°C up to +150°C

Hose designed for hot water pressure cleaning equipment. Internal layer resistant to detergents, external layer to abrasion, oil, ozone and weather conditions.  
 Assembly - use Z type fittings (non-skived).

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-HWASH1T-06	6.4	13.2	250	1000	100	0.22
HW-HWASH1T-08	8	14.8	250	1000	115	0.26
HW-HWASH1T-10	9.5	17.2	250	1000	130	0.34
HW-HWASH1T-12	12.7	20.4	250	1000	180	0.41

Code example:

- black hose: HW-HWASH1T-06BK
- blue hose: HW-HWASH1T-06BL



### HYDROWASH / 2

**Internal layer:** Black synthetic rubber  
**Reinforcement:** Two steel wire braids  
**External layer:** Black or blue synthetic rubber (pinpricked)  
**Working temp.:** From -40°C up to +150°C

Hose designed for hot water pressure cleaning equipment. Internal layer resistant to detergents, external layer to abrasion, oil, ozone and weather conditions.  
 Assembly - use Z type fittings (non-skived).

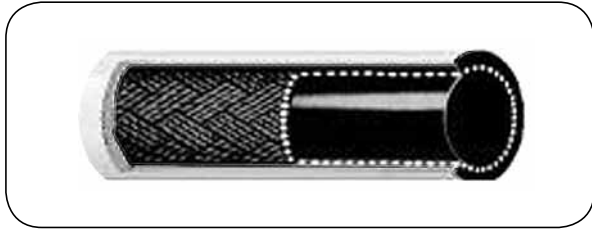
code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
HW-HWASH2T-06	6.4	15	400	1600	100	0.38
HW-HWASH2T-08	8	16.5	400	1600	115	0.44
HW-HWASH2T-10	9.5	18.9	400	1600	130	0.55
HW-HWASH2T-12	12.7	22.2	400	1600	180	0.64

Code example:

- black hose: HW-HWASH2T-06BK
- blue hose: HW-HWASH2T-06BL

# CLEANING AND WASHING - high pressure

## Hoses for high pressure cleaning equipment

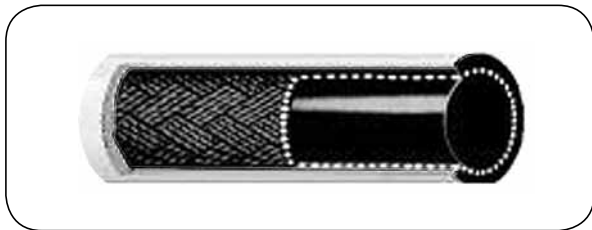


### GAUNTLET 1500

**Internal layer:** Black NBR rubber  
**Reinforcement:** One textile braid  
**External layer:** Yellow Carbyn / NBR compound  
**Working temp.:** From -30°C up to +93°C

Hose designed for hot water pressure cleaning equipment. External layer resistant to abrasion, oil, animal fat and poultry fat. High flexibility of the hose facilitates operation.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
GY-GAUNTLET1500-06	6.4	15	103	410	65	0.16
GY-GAUNTLET1500-10	9.5	19.1	103	410	95	0.27
GY-GAUNTLET1500-13	12.7	21.3	83	330	125	0.29
GY-GAUNTLET1500-19	19.1	31.8	103	410	190	0.61

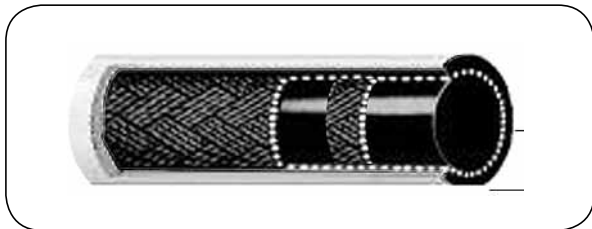


### GAUNTLET 3000

**Internal layer:** Black NBR rubber  
**Reinforcement:** One steel wire braid  
**External layer:** Yellow Carbyn / NBR compound  
**Working temp.:** From -30°C up to +120°C

Hose designed for hot water pressure cleaning equipment. External layer resistant to abrasion, oil, animal fat and poultry fat. High flexibility of the hose facilitates operation.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
GY-GAUNTLET3000-10	9.5	17.5	206	824	100	0.36
GY-GAUNTLET3000-13	12.7	20.8	206	824	120	0.48



### GAUNTLET 4500

**Internal layer:** Black NBR rubber  
**Reinforcement:** Two steel wire braids  
**External layer:** Yellow Carbyn / NBR compound  
**Working temp.:** From -30°C up to +120°C

Hose designed for hot water pressure cleaning equipment. External layer resistant to abrasion, oil, animal fat and poultry fat. High flexibility of the hose facilitates operation.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	bending radius [mm]	weight [kg/m]
GY-GAUNTLET4500-10	9.5	17.5	310	1240	-	0.40
GY-GAUNTLET4500-13	12.7	20.8	310	1240	-	0.51

## CLEANING AND WASHING - high pressure

### Hoses for high pressure cleaning equipment



#### FORTRESS 1000®

**Internal layer:** Black NBR rubber compound  
**Reinforcement:** Synthetic cord  
**External layer:** Blue Carbryn® rubber protected by Microban® cover  
**Working temp.:** From -30°C up to +93°C

High-quality, flexible, non-staining, kink and torsion resistant hose. Widely used for washdown applications in food, pharmaceutical and cosmetic industry due to Microban® antimicrobial external protection layer that inhibits the growth of bacteria, mold, and fungi. In compliance with ISO 1307. Use with hydraulic fittings (TI-Z...) crimped with appropriate ferrules.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
GY-FORT1000-10	9.5	19.1	69	276	0.27	152.5
GY-FORT1000-13	12.7	21.8	69	276	0.30	152.5
GY-FORT1000-19	19.1	30.5	69	276	0.63	152.5



#### FORTRESS 3000®

**Internal layer:** Black NBR rubber compound  
**Reinforcement:** Synthetic cord  
**External layer:** Blue Carbryn® rubber protected by Microban® cover  
**Working temp.:** From -30°C up to +93°C

High-quality, flexible, non-staining, kink and torsion resistant hose. Widely used for washdown applications in food, pharmaceutical and cosmetic industry due to Microban® antimicrobial external protection layer that inhibits the growth of bacteria, mold, and fungi. In compliance with ISO 1307. Use with hydraulic fittings (TI-Z...) crimped with appropriate ferrules.

code	I.D. [mm]	O.D. [mm]	working pressure [bar]	bursting pressure [bar]	weight [kg/m]	standard length [m]
GY-FORT3000-06	6.4	13.5	207	828	0.22	152.5
GY-FORT3000-10	9.5	17.5	207	828	0.36	152.5
GY-FORT3000-13	12.7	20.8	207	828	0.48	152.5