



**sapin**



[www.sapin.it](http://www.sapin.it)

CATALOGUE 2015

## *The Italian fire hose manufacturer*



*Sapin -Società Applicazioni Industriali- has been established in 1971 following a familiar tradition in the field of textile industrial applications started at the beginning of last century by our grandfather Charles.*

*With more than 5000 square meters of covered area and 800 square meters of testing area Sapin is the largest Italian manufacturer of fire hoses and one of the leading producers in Europe.*

*The plant is provided with circular weaving looms, a rubber and plastic lining and coating department and a fitting mounting area. All these features enables Sapin to have a fully on-site production that, together with an accurate choice of raw materials suppliers, guarantees a perfect control on each production step, leading to the achievement of quality products.*

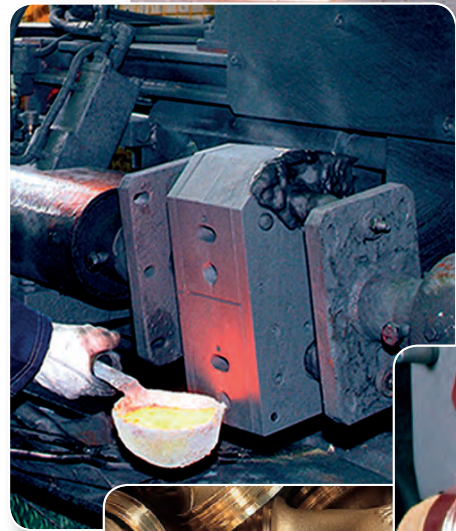
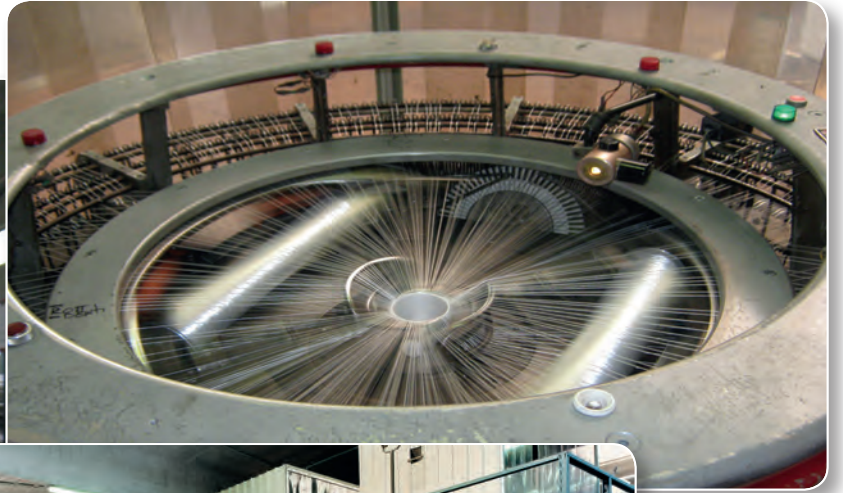
*With our most modern manufacturing plants we produce hoses from 19 up to 300 mm in various constructions and qualities. The hoses are lay-flat or semi-rigid, but are also available in a double jacket construction with bursting pressures of over 150 bar.*

*The long experience in fire-fighting field and the active participation in European and Italian technical committees enable us to provide innovative solutions which are engineered, manufactured and assembled in our specific department developing new products, not forgetting the optimization of production processes for a better quality and more competitive prices.*

*Since 2001 our quality management system is certified ISO 9001 and our products are approved by international certification bodies and certified conform to CPR and MED.*

*Sapin management cares about the environment: modern integrated photovoltaic system enable the factory to run its machines mostly on renewable energy saving 134 tons of CO<sub>2</sub> per year.*







## KOBRA®



The KOBRA™ fire hose consists of a stress free circular woven jacket made of a high strength polyester lined with an waterproofing ozone resistant substrate. The substrate has a smooth surface to minimize friction loss and to improve aging resistant. Approved and certified to EN 14540 is the right hose for first-aid fixed installations following EN 671-2. Lightweight and flexible, is the perfect hose for cabinets, hydrants and industries.

Warp	High tenacity polyester													
Weft	High tenacity polyester													
Inner lining	Synthetic													
Inside diameter	mm	25	38	45	52	63	70	75	100	110	125	150	200	250
Weight	g/m	150	180	200	250	330	350	375	620	680	800	980	1300	1550
Burst pressure	MPa	6	5	5	5	4,5	4,5	4,5	4	4	3,5	3	2,5	2
Working pressure	MPa	2,0	1,6	1,6	1,6	1,6	1,5	1,2	1	1	0,9	0,8	0,7	0,6
Temperature range	°C	-30/+70												
20 m coil diameter	cm	30	31	32	33	34	35	36	38	39	40	45	50	55
Bending radius	cm	20	35	40	45	50	60	65	80	90	100	140	190	240

## KOBRA® FOREST

Fire-fighting hose with controlled percolation, lightweight, small diameter of rolls, high resistance to abrasion when wet and flame resistant is perfect for forest fire fighting. Percolation ratio is designed following specific National standards.

Diameter mm	38	45
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## KOBRA® FROST

Fire-fighting hose resistant to low temperature. Working temperatures up to - 40 °C.

Diameter mm	45	52	63	70	75
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## RED KOBRA®

Red Kobra® hose consists of a circular woven jacket made of high strength polyester with a waterproofing substrate of elastomeric compound and an outer coating of red nitrilic resin specially studied to increase the resistance to abrasion and to most chemicals influence, keeping unaltered the hose flexibility. Standard color red, available in different colours on request.

Warp	High tenacity polyester										
Weft	High tenacity polyester										
Inner lining	Synthetic										
Outer lining	Red nitrilic resin										
Inside diameter	mm	25	38	45	52	63	70	75	100	110	125
Weight	g/m	180	220	240	280	390	420	450	720	790	940
Burst pression	MPa	6	5	5	5	4,5	4,5	4,5	4	4	3,5
Working pression	MPa	2,0	1,6	1,6	1,6	1,5	1,5	1,2	1	1	0,9
Temperature range	°C	-30/+70									
20 m coil diameter	cm	32	33	34	35	35	37	38	42	43	44
Bending radius	cm	20	35	40	45	50	60	65	80	90	100



## KOBRA® PURE

Fire hose with internal substrate in elastomeric resin (TPU) specially compounded for drinking water following European rule n°10/2011- Exposure conditions 40°C during 10 days.

Diameter mm	45	70	100
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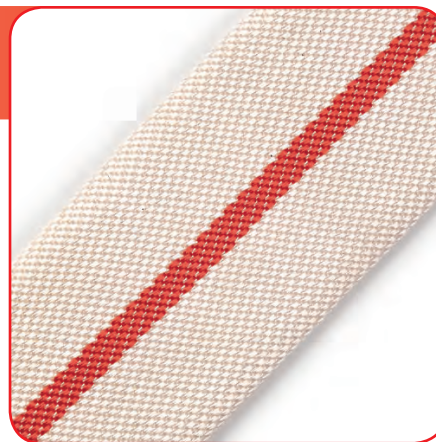
## SUPER KOBRA® PURE

Fire hose for drinking water following European rule n°10/2011, with an additional outer coating of blue nitrile resin to increase the resistance to abrasion. Standard color blue, available in different colors and diameters on request.

Diameter mm	45	70
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## JET

The JET fire hose consists of a twill woven circular jacket particularly close-woven made of high-strength polyester. Internally it's lined with a high quality ageing resistant preformed synthetic tube, perfectly bonded to the jacket. The high resistance to wear and heavy duties makes the hose suitable for fire brigades and wherever it's required a high safety level. Approved by ENI- National Italian Oil Corporation 0198.00 Type A. Red strip is standard only for Ø 45. It exceed DIN 14811 and prEN 1947 part 1 standard.



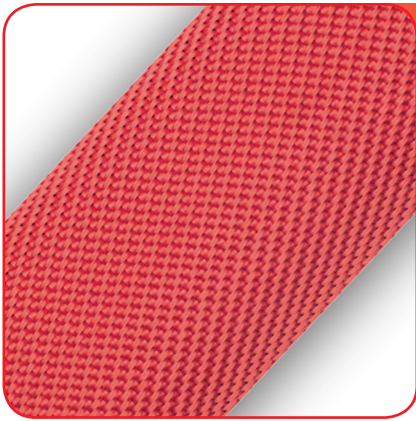
Warp	High tenacity polyester									
Weft	High tenacity polyester									
Inner lining	Synthetic									
Inside diameter	mm	25	38	45	52	63	70	75	100	125
Weight	g/m	180	205	235	270	350	465	495	660	850
Burst pression	MPa	6	5,5	5	5	5	5	4,5	4	3,5
Working pression	MPa	3	2,5	2,5	2,5	2,5	2,5	2	1,5	1
Heat resistance	°C	>200								
20 m coil diameter	cm	33	34	35	36	37	38	38	40	44
Abrasion test (DIN 14811)	More than 100 turns									

## SUPER JET

The SUPER JET fire hose consists of a twill woven circular jacket particularly close-woven made of high-strength polyester with a waterproofing substrate of synthetic compound and an outer coating of a nitrilic resin in order to provide an important protection against heat and to increase resistance to oils, greases and chemical contaminations. Suitable for using everywhere special requirements have to be met, especially in refineries and petrochemical plants. Approved by ENI- National Italian Oil Corporation 0198.00 Type B. It exceed prEN 1947 part 2 standard.



Warp	High tenacity polyester									
Weft	High tenacity polyester									
Inner lining	Synthetic									
Outer coating	Red nitrilic resin									
Inside diameter	mm	25	38	45	52	63	70	75	100	125
Weight	g/m	220	255	300	340	420	545	575	750	950
Burst pression	MPa	6	5,5	5	5	5	5	4,5	4	3,5
Working pression	MPa	3	2,5	2,5	2,5	2,5	2,5	2	1,5	1
Heat resistance	°C	>200								
20 m coil diameter	cm	36	36	37	38	39	40	40	43	48
Abrasion test (DIN 14811)	More than 200 turns									



## JET ROUGE

The JET ROUGE fire hose consists of a twill woven circular jacket made of RED high-strength polyester. Internally it's lined with a high quality ageing resistant preformed synthetic tube, perfectly bonded to the racket. The high resistance to wear and heavy duties makes the hose suitable for fire brigades and wherever it's required a high safety level. Red colour yarns increase dirty resistance.

Warp	High tenacity polyester				
Weft	High tenacity polyester				
Inner lining	Elastomeric				
Internal diameter	mm	25	45	70	110
Weight	g/m	180	235	465	680
Burst pressure	MPa	10	5	5	4
Working pressure	MPa	4	2,5	1,8	1
Abrasion resistance	More than 100 turns				



## JET FLUOR

The JET FLUOR fire hose consists of a twill woven circular jacket made of yellow fluor high-strength polyester. Internally it's lined with a high quality ageing resistant preformed synthetic tube, perfectly bonded to the jacket. The high resistance to wear and the very good visibility through signal color enhance security for users in smoky surroundings.

Warp	High tenacity polyester		
Weft	High tenacity polyester		
Inner lining	Elastomeric		
Internal diameter	mm	25	45
Weight	g/m	180	235
Burst pressure	MPa	10	5
Working pressure	MPa	4	2,5
Abrasion resistance	More than 100 turns		



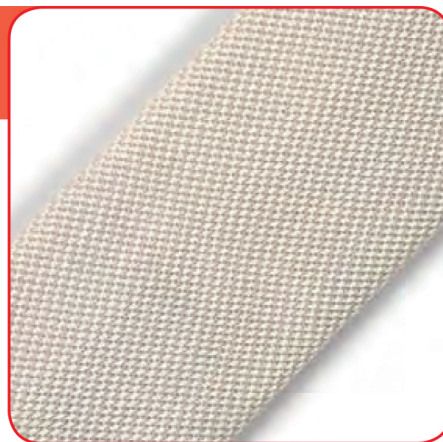
## JET SIGNAL

The JET SIGNAL hose has the same characteristics of the JET FLUOR with an extra special marking. The arrows printed every 5 meters help the users to locate escape ways. It must be specified type of couplings if male + female due to different style of using.



## JET H.P.

For special requirements where higher pressures are requested it is available the type JET H.P. with working pressure up to 4,0 MPa (40 bars), especially suitable in forest fire fighting when you need a water mist to enhance the cooling effect of atomized water drops. The jacket construction is especially designed to maintain flexibility and easy handiness.



Internal diameter	mm	25	38	45	52	70
Weight	g/m	200	240	280	320	520
Working pressure	MPa	4	4	4	4	2,5
Burst pressure	MPa	10	10	10	10	6

## ELIO SAPIN MED



ELIO SAPIN MED hose consists of a circular woven jacket made of high strength polyester with a waterproofing substrate of elastomeric compound.

**ELIO SAPIN MED hose is certified MED-0497**



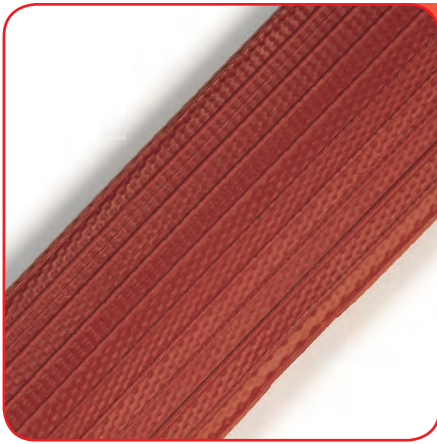
Warp	High tenacity polyester							
Weft	High tenacity polyester							
Inner lining	Synthetic							
Internal diameter	mm	25	38	45	52	63	70	
Change in length at 1,2 MPa	%	+5 / -0						
Change in diameter at 1,2 MPa	%	+5 / -0						
Burst pressure	MPa	5,0						
Working pressure	MPa	1,8						
Temperature resistance	°C	+200						

## ELIO SAPIN MED RED

ELIO SAPIN MED RED fire hose has the same characteristics of the ELIO SAPIN MED hose with an extra outer coating of red nitrile resin to increase the resistance to abrasion .



Internal diameter	mm	25	38	45	52	63	70
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## YAGOM

YAGOM is an all synthetic woven textile reinforced encased in a special compounded high tensile rubber forming a unified lining and cover completely protected from hazards. The external finish is a ribbed pattern aiding both abrasion resistance and handling qualities. It is approved by ENI National Italian Oil Corporation 0198.00 type C

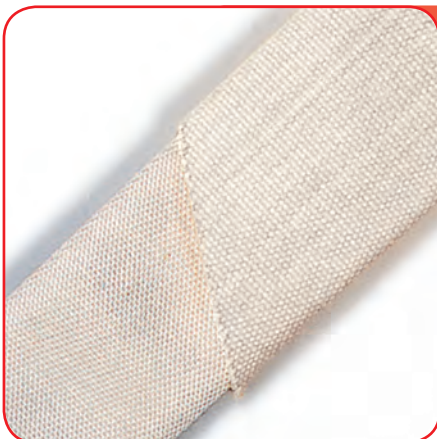
Warp	High tenacity polyester											
Weft	High tenacity polyamide											
Internal lining	NVC rubber compound											
Outer cover	Synthetic ribbed rubber compound											
Lining adhesion	N	40										
Cover adhesion	N	50										
Inside diameter	mm	25	38	45	52	63	70	76	100	110	125	150
Weight	g/m	260	360	430	500	575	700	790	1050	1200	1310	1700
Burst pressure	MPa	9	7,5	6	5,5	5	5	4,5	4,5	4	4	3
Working pressure	MPa	3	2,5	2	1,5	1,5	1,5	1,5	1,2	1,2	1,2	1
Temperature range	°C	-30/+70										



## YAGOM GOMTEX UL

YAGOM hose is available also with UL approval and listing.

Diameter	inch	1"½	1"¾	2"½	3"	4"	5"
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## JET ARMOUR

Fire hose type JET fortified with an extra jacket enclosed into the textile construction. Double jacket in high tenacity polyester. According to standard ENI Agip Petroli type D and N.F.P.A.

Diameter	mm	38	45	52	63	70
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## FLYTEX

FLYTEX is a hardwearing, fully synthetic multi-purpose hose. It is produced in a continuous process where nitrile rubber is forced through a circular woven textile. This ensures an extremely low weight and exceptional good handling benefits. Ideal when mobility is necessary and under difficult working conditions. Suitable for compressed air due to special oil resistant internal lining.



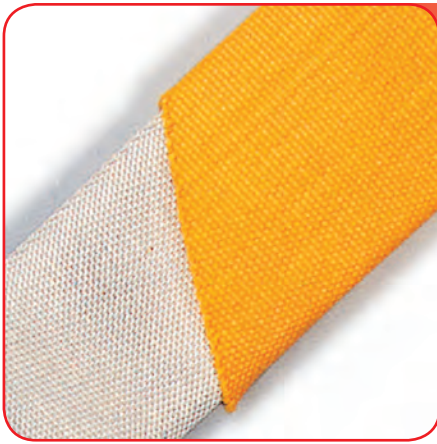
Warp	High tenacity polyester											
Weft	High tenacity polyamide											
Internal lining	NVC rubber compound											
Outer cover	Synthetic ribbed rubber compound											
Inside diameter	mm	20	27	38	52	64	76	100	125	150	200	250
Weight	g/m	220	250	340	460	600	735	1070	1425	1675	2600	3000
Burst pressure	MPa	7	7	5	5	4,5	4	3	3	3	2,5	2,5
Working pressure	MPa	3,5	3,5	3	3	2,8	2	1,5	1,5	1,5	1	1
Tensile strength	kg	1800	2100	2900	3800	4200	5200	8800	11000	13300	n.d.	n.d.
Temperature range	°C	-30 / +70										

## YAGOM EXCEL

YAGOM EXCEL is a rubber covered hose with an extra safety given by the fourth layer armored compound. For the excellent resistance to heat, flame and abrasion it is recommended in fields where high level of protection is expected.



Diameter	mm	25	38	45	52	63	70	75
Weight	g/m	250	380	415	515	650	800	820
Burst pressure	MPa	8	6,5	6	5	5	5	4,5
Test pressure	MPa	4	3,5	3	3	3	3	2,5
Thickness	mm	1,9	2	2,05	2,1	2,3	2,3	2,6



## TCJ ARTICA

The perfect hose for snow-making equipment. It consists of a high tenacity stress free circular jacket lined with a pre-vulcanized rubber tube specially compounded to resist ozone and U.V.. The hose is externally armoured with an extra jacket made of colored synthetic fibers which enhances wear and pressure resistance, flexibility at low temperatures and visibility during night working conditions.



Warp	High tenacity polyester			
Weft	High tenacity polyester			
Internal lining	EPDM antiozone rubber			
Outer cover	Synthetic polyolephinic jacket			
Inside diameter	mm	38	52	64
Weight	g/m	340	405	560
Burst pressure	MPa	12	12	6
Working pressure	MPa	5	5	4
Temperature range	°C	-40/+70		



### CAM-LOCK QUICK COUPLINGS IN STAINLESS STEEL

Art.	Descriptions
515	E - Coupling M - For hose 2"
516	C - Coupling F - For hose 2"

Available on request other sizes and materials.

## BINDING COMPLEMENTS

### EMERGENCY HOLE STOPPING SLEEVES



The use of hole stopping sleeves all You need is to pull a hose sleeve of about 60 cm (2 feet) of the same diameter over the damaged section of the hose. The expansion due to the pressure will seal the leak allowing to continue the job. A good tip is to slide on a couple of extra hose sleeves before the couplings are attached.

### PROTECTION SLEEVES



For hard or intensive use conditions it's suggested to use protection sleeves close to the couplings. National standards suggest a length of the protective sleeve 10 times the diameter of the hose.

# PYTON

PYTON is the semi-rigid fire-fighting hose specially manufactured to meet European standard EN 694. The textile jacket is made of a strong warp in polyester H.T. with a weft of polyester rigid monofil. The waterproofing substrate has a smooth surface to reduce friction losses and is ozone resistant. Available ( PYTON RED) with an outside coating of red nitrilic resin specially studied to increase the resistance to abrasion and chemicals keeping unaltered the hose flexibility.



## PYTON WHITE

## PYTON RED

Ø Internal	mm	20	25	38	Ø Internal	mm	20	25	38
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Warp	High tenacity polyester			
Weft	Polyester monofil			
Internal lining	Sintetic antiozone			
Outer cover (on request)	Red nitrilic resin			
Inside diameter	mm	20	25	38
Change in length at 1,2 MPa	%	+5 / -0		
Change in diameter at 1,2 MPa	%	+5 / -0		
Heat resistance (EN 15889:2011)	°C	>200		
External diameter	mm	24	31	42
Weight	g/m	190/200	220/250	300/350
Burst pressure	MPa	9	8	7

# PYTON BOOSTER

## SEMIRIGID FIRE HOSE H.P. EN 1947

PYTON BOOSTER semi-rigid fire hose is a high pressure hose specially designed for pumps and fire trucks. PYTON BOOSTER is the semi-rigid fire-fighting hose specially manufactured to meet European standard EN 1947: cat II, Type B, class 3. The textile jacket is made of a strong warp in polyester H.T. with a weft of polyester rigid monofil. The waterproofing substrate in EPDM has a smooth surface to reduce friction losses and is ozone resistant. An outside black coating of PU resin increase the resistance to abrasion and chemicals keeping unaltered the hose flexibility.



Warp	High tenacity polyester				
Weft	High tenacity polyester monofil				
Internal lining	EPDM				
Outer cover	PU/PVC				
Inside diameter	mm	19	25	32	38
Weight	g/metro	190	240	280	360
Color	Nero				
Burst pressure	MPa	>10,0			
Working pressure	MPa	4,0			



## WHITE PROTECTIVE CONTAINING HOSE

Protective textile jacket in polyester high tenacity for all hydraulic cables. Protects people and objects from leaking liquids in case of a bursting tube. Suitable as abrasion protection for cable lines and for safety ropes.

Warp and weft	High tenacity polyester													
Internal diameter	mm	25	38	45	52	63	70	75	100	110	125	150	200	250
Flat dimension	mm	41	62	73	84	100	112	120	160	175	198	238	316	395



## BLACK PROTECTIVE HOSE

Protective textile jacket in polypropylene for all hydraulic cables. Protects people and objects from leaking liquids in case of a bursting tube. Suitable as abrasion protection for cable lines and for safety ropes.

Warp and weft	Polypropylene							
Internal diameter	mm	25	30	40	50	70	102	150



## SUCTION HOSE

Suction and delivery hose for no-corrosive liquids. Smooth inside and black ribbed outside without external spiral. Synthetic rubber aging and ozone resistant.

Diameter	mm	45	70	80	102	110	127
Delivery pressure	MPa	3	3	3	3	3	3
Burst pressure	MPa	9	9	9	9	9	9
Suction pressure	Bar	0,8					

# GERMAN FIRE FIGHTING FITTINGS - DIN



## LIGHT ALLOY STORZ DELIVERY COUPLINGS (COUPLE)

Art.	Description	KA	D	Nota
490	Storz D - 19	31	19	
440	Storz D - 25	31	25	DIN 14301
492	Storz 38 - 38	51	38	L.T.
493	Storz C - 38	66	38	L.T.
441	Storz C - 45	66	45	
442	Storz C - 52	66	52	DIN 14302
443	Storz B - 70	89	70	
444	Storz B - 75	89	75	DIN 14303
445	Storz A - 100	133	100	
491	Storz A - 110	133	110	DIN 14323 L.T.



## VALVE WITH LIGHT ALLOY CONNECTION

Art.	Description
457	Valve 2 " outlet Storz C
458	Valve 2 " ½ outlet Storz B
459	Valve 1 " ½ outlet Storz C



## DELIVERY COUPLING TAIL BENT

Art.	Description
150	Storz C / P.G. 25 mm



## BLANK CAPS WITH CHAIN

Art.	Description
343	Cap D - 25
460	Cap C - 52
461	Cap B - 75
462	Cap A - 110



## SPANNERS

Art.	Description
329	Spanner for couplings D
464	Spanner for couplings B - C
527	Spanner for couplings B - C steel
528	Spanner for couplings A - B - C steel
529	Spanner for couplings 38/65 steel

# GERMAN FIRE FIGHTING FITTINGS - DIN



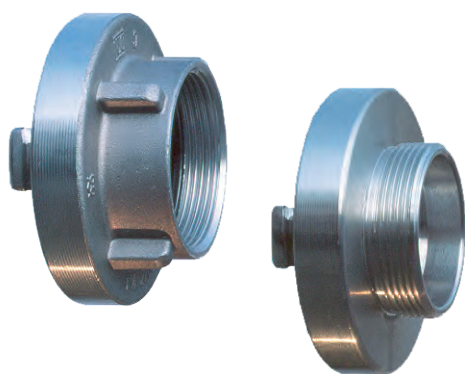
## BRASS STORZ DELIVERY COUPLINGS (COUPLE)

Art.	Description	KA	D	Note
345	Storz D - 19	31	19	
346	Storz D - 25	31	25	
347	Storz 38 - 25	51	25	
348	Storz 38 - 38	51	38	38
349	Storz C - 45	66	45	
350	Storz C - 52	66	52	DIN 86202



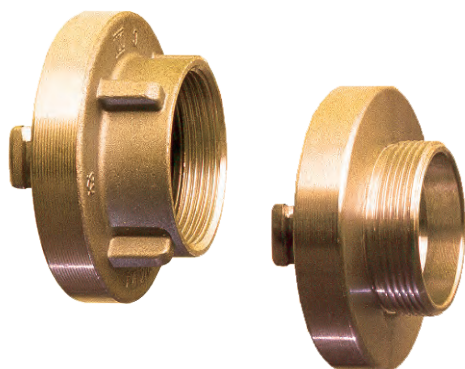
## SEALS FOR DELIVERY COUPLINGS

Art.	Description	KA	Note
340	Storz 25 - D	31	DIN 14301
341	Storz 52 - C	66	DIN 14302
342	Storz 75 - B	75	DIN 14303



## LIGHT ALLOY ADAPTERS

Art.	Description
448	Adapter Storz B-2" ½ F
450	Adapter Storz B-2" ½ M
447	Adapter Storz C-2" F
449	Adapter Storz C-2" M
451	Adapter Storz C-1" ½ F
452	Adapter Storz C-1" ½ M
453	Adapter Storz D-1" F
454	Adapter Storz D-1" M



## BRASS ADAPTERS

Art.	Description
330	Adapter Storz D-1" F
331	Adapter Storz D-1" M
332	Adapter Storz 38 - 1" ½ F
333	Adapter Storz 38 - 1" ½ M
334	Adapter Storz C-1" ½ F
335	Adapter Storz C-1" ½ M
336	Adapter Storz C-2" F
337	Adapter Storz C-2" M
338	Adapter Storz B-2" ½ F
339	Adapter Storz B-2" ½ M





### LIGHT ALLOY ADAPTERS STORZ / STORZ

Art.	Description
446	Adapter B-C DIN 14342
463	Adapter C-D DIN 14341
151	Adapter A-B DIN 14343
152	Adapter C-38
153	Adapter 38-D



### HAND PROTECTION SLEEVES

Diameter mm	25	38	45	52	63	70	100	110	125
Art.	70	71	72	73	74	75	76	7453	77

### 3 SEGMENTS BINDING SYSTEM



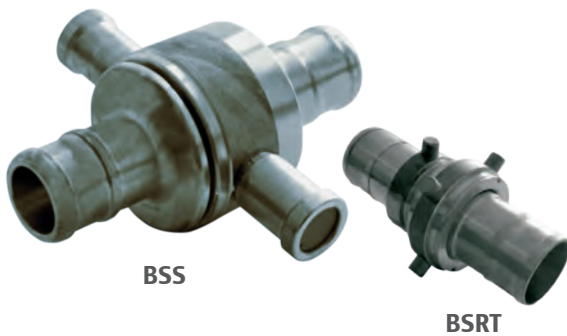
Art.	Description	Hose thickness
8752	for hose $\varnothing$ 52 mm	2 mm
8765	for hose $\varnothing$ 65 mm	2.8-3,2 mm
8775	for hose $\varnothing$ 75 mm	2.8-3,2 mm
8790	for hose $\varnothing$ 90 mm	2.8-3,2 mm
87100	for hose $\varnothing$ 101,5 mm	2.8-3,2 mm
87101	for hose $\varnothing$ 101,5 mm	4,5 mm
87110	for hose $\varnothing$ 110 mm	2.8-3,2 mm
87125	for hose $\varnothing$ 127 mm	2.8-3,2 mm
87150	for hose $\varnothing$ 150 mm	2.8-3,2 mm



### NOZZLES WITH STORZ L.A. ADAPTERS

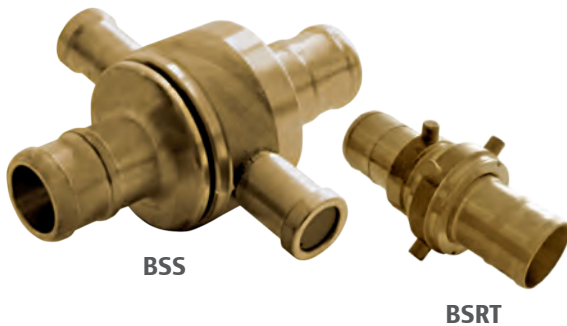
Art.	Description
402	Branchpipe MIAMI - C
455	Jet spray branchpipe - C
456	Branchpipe MISTRAL - C
486	Branchpipe ALAMO - C
487	Jet spray branchpipe - B
489	Branchpipe MAJA - B

# BRITISH FIRE FIGHTING FITTINGS - BSS



## LIGHT ALLOY INSTANTANEOUS COUPLINGS

Art.	Description
2500	FETA 1" ½ for hose Ø 1" ½
473	BSS 2" ½ for hose Ø 1" ½
474	BSS 2" ½ for hose Ø 1" ¾
475	BSS 2" ½ for hose Ø 2"
476	BSS 2" ½ for hose Ø 2" ½
477	BSS 2" ½ for hose Ø 2" ¾
4236	BSRT 4" for hose Ø 100
9100	BSRT 5" for hose Ø 125



## BRASS INSTANTANEOUS COUPLINGS

Art.	Description
25000	FETA 1" ½ for hose Ø 1" ½
465	BSS 2" ½ for hose Ø 1" ½
466	BSS 2" ½ for hose Ø 1" ¾
467	BSS 2" ½ for hose Ø 2"
468	BSS 2" ½ for hose Ø 2" ½
469	BSS 2" ½ for hose Ø 2" ¾
470	BSRT 4" for hose Ø 100
9101	BSRT 5" for hose Ø 125



## BS FEMALE ADAPTERS WITH BSP THREADS

Art.	Description
4199	Fem. FETA 1" ½ x GAS 2" F alluminium
4207	Fem. BSS 2" ½ x GAS 1" ½ M alluminium
481	Fem. BSS 2" ½ x GAS 2" F alluminium
4810	Fem. BSS 2" ½ x GAS 2" F brass
472	Fem. BSS 2" ½ x GAS 2" ½ F alluminium
4720	Fem. BSS 2" ½ x GAS 2" ½ F brass



## BS MALE ADAPTERS WITH BSP THREADS

Art.	Description
4197	Male FETA 1" ½ x GAS 1" ½ M alluminium
4198	Male FETA 1" ½ x GAS 2" ½ F alluminium
482	Male BSS 2" ½ x GAS 2" F alluminium
4820	Male BSS 2" ½ x GAS 2" F brass
471	Male BSS 2" ½ x GAS 2" ½ F alluminium
4710	Male BSS 2" ½ x GAS 2" ½ F brass
483	Male BSS 2" ½ x GAS 2" ½ M alluminium
2041	Male BSS 2" ½ x GAS 1" ½ M alluminium



### BLANK CAPS WITH CHAIN

Art.	Description
9114	BLANK CAP BSS 2"½ female
9115	BLANK CAP BSS 2"½ male
9116	BLANK CAP BSRT 4" female
9117	BLANK CAP BSRT 4" male



### DIVIDERS TWO WAYS WITHOUT VALVES

Art.	Description
9120	BSS 2"½M" x 2 BSS F 1"½ FETA
9121	BSS 2"½M" x 2 BSS F 2"½
9122	BSRT 4"M" x 2 BSS F 2"½

### SIAMESES TWO WAYS WITHOUT VALVES

Art.	Description
9118	BSS M 2"½ x BSS 2"½F
9119	BSS M 2"½ x BSRT 4"F



### VALVE WITH LIGHT ALLOY CONNECTION

Art.	Description
478	Idrante 2" ½ uscita BS 2" ½ F

### SEALS

Art.	Description
9123	1" ½ FETA
69	2" ½ BS



### NOZZLES WITH B.S. MALE L.A. ADAPTERS

Art.	Description
402	Branchpipe MIAMI - B.S.
455	Jet spray branchpipe - B.S.
456	Branchpipe MISTRAL - B.S.
486	Branchpipe ALAMO - B.S.
487	Jet spray branchpipe - B.S.
489	Branchpipe MAJA - B.S.

# FRENCH FIRE FIGHTING FITTINGS - AFNOR

## GUILLEMIN



### SINGLE LIGHT ALLOY SYMMETRICAL COUPLING GUILLEMIN

Art.	Description
22210	DN 20 for hose 25
4270	DN 40 for hose 45
4280	DN 65 for hose 70
4079	DN 100 for hose 100



### SINGLE BRONZE SYMMETRICAL COUPLING GUILLEMIN

Art.	Description
8991	DN 20 for hose 25
8992	DN 40 for hose 45
8993	DN 65 for hose 70
8994	DN 100 for hose 110

## DSP - AR



### L.A. CAPS DSP WITH CHAIN AND LOCKING RING

Art.	Description
8995	DN 40
8996	DN 65
8997	AR 100



### ADAPTERS DSP WITH LOCKING RING

Art.	Description
508 B	DN 40 for female 1" ½
498 B	DN 40 for female 2"
382 B	DN 40 for male 1" ½
4069 B	DN 65 for female 2"
499 B	DN 65 for female 2" ½
4272 B	DN 65 for male 2" ½



### ADAPTERS DSP WITHOUT LOCKING RING

Art.	Description
508	DN 40 for female 1" ½
498	DN 40 for female 2"
382	DN 40 for male 1" ½
4069	DN 65 for female 2"
499	DN 65 for female 2" ½
4272	DN 65 for male 2" ½



### SINGLE LIGHT ALLOY DSP AND AR COUPLINGS WITH LOCKING RING

Art.	Description
4950	DSP DN 40 for hose 45
4960	DSP DN 65 for hose 70
4970	AR DN 100 for hose 110



### SINGLE BRONZE DSP AND AR COUPLINGS WITH LOCKING RING

Art.	Description
4099	GFR 20 for hose 25
504	DN 40 for hose 45
505	DN 65 for hose 70
24660	DN 100 for hose 110



### LIGHT ALLOY ADAPTERS DSP TO DSP/AR

Art.	Description
4273	DSP 40 - DSP 65
4078	DSP 65 - AR 100

### VALVES, SEALS AND SPANNERS



Art.	Description
507	Valve 1" 1/2 outlet DSP 40
502	Valve 2" outlet DSP 40
503	Valve 2" 1/2 outlet DSP 65
506	Spanner couplins DSP
8998	Seal 40
8999	Seal 65
9040	Seal 100
9041	Spanner Tricoise 65-150

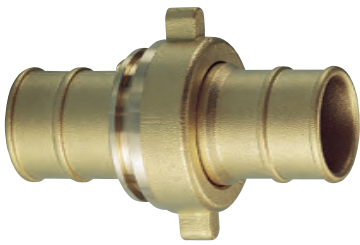


### NOZZLES WITH DSP MALE L.A. ADAPTERS

Art.	Description
402	Branchpipe MIAMI - DSP 40
455	Jet spray branchpipe - DSP 40
456	Branchpipe MISTRAL - DSP 40
486	Branchpipe ALAMO - DSP 40
487	Jet spray branchpipe - DSP 65
489	Branchpipe MAJA - DSP 65

**AVAILABLE WIDE RANGE OF ADAPTERS AND CAPS WITH AND WITHOUT LOCKING RING**

# AMERICAN FIRE FIGHTING FITTINGS – NFPA



## NH COMPLETE COUPLINGS

Art.	Description
513	NH 1" ½ in brass
514	NH 2" ½ in brass



## ADAPTERS NH WITH BSP THREADS

Art.	Description
51	F 1 ½ NH x F 2" gas
52	F 2 ½ NH x F 2"½ gas
2062	4" F gas x NH 4" M
2063	4" ½ F NH x UNI 100 M
2061	2" ½ F NH x UNI 70 M
2060	2" ½ M NH x UNI 70 F



## VALVES

Art.	Description
58	1" ½ NH x 1" ½ gas
59	2" ½ NH x 2" ½ gas



## BRANCHPIPER WITH NH ADAPTERS

Art.	Description
367	Branchpipe MIAMI - NH
368	Jet spray branchpipe - NH
369	Branchpipe MISTRAL - NH
370	Branchpipe ALAMO - NH
373	Jet spray branchpipe - NH
374	Branchpipe MAJA - NH

# RUSSIAN FIRE FIGHTING FITTINGS - GOST



## COUPLINGS ADAPTERS AND CAPS

	Light alloy		Brass		Bronze	
	Description	Art.	Description	Art.	Description	Art.
GOST 50	Coupling for hose 52	8801				
	Adapter 2" female	8802				
	Cap	8803				
GOST 70	Coupling for hose 64	8804	Coupling for hose 64	8807	Coupling for hose 64	8810
	Adapter 2" ½ female	8805	Adapter 2" ½	8808	Adapter 2" ½	8811
	Cap	8806	Cap	8809	Cap	8812
GOST 80	Coupling for hose 75	8813	Coupling for hose 75	8816	Coupling for hose 75	8819
	Adapter 2" ½ female	8814	Adapter 2" ½	8817	Adapter 2" ½	8820
	Cap	8815	Cap	8818	Cap	8821
GOST 100	Coupling for hose 100	8822	Coupling for hose 100	8825	Coupling for hose 100	8828
	Adapter 4" female	8823	Adapter 4"	8826	Adapter 4"	8829
	Cap	8824	Cap	8827	Cap	8830

# SPANISH FIRE FIGHTING FITTINGS - BARCELONA



## LIGHT ALLOY COUPLINGS

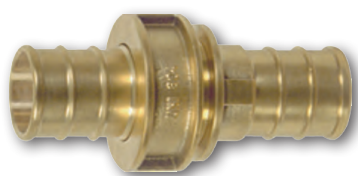
Art.	Description
8900	Coupling 45 single
8901	Coupling 70 single

## LIGHT ALLOY ADAPTERS AND CAPS

Art.	Description
8902	Adapter 45 - 1"½ GAS male
8903	Adapter 45 - 1"½ GAS female
8904	Adapter 70 - 2"½ GAS male
8905	Adapter 70 - 2"½ GAS female
8906	Cap 45 with chain
8907	Cap 70 with chain

# ITALIAN FIRE FIGHTING FITTINGS - UNI

## BRASS COUPLINGS TYPE A UNI 804

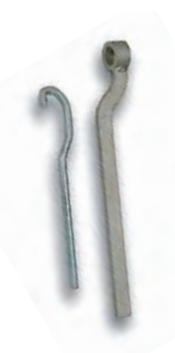


Art.	Description
30	Coupling UNI 25 complete
31	Coupling UNI 25 part female
32	Coupling UNI 25 part male
33	Coupling UNI 45 complete
34	Coupling UNI 45 part female
35	Coupling UNI 45 part male
36	Coupling UNI 70 complete
37	Coupling UNI 70 part female
38	Coupling UNI 70 part male

## BRASS COUPLINGS TYPE B UNI 804



Art.	Description
39	Coupling UNI 100 complete
40	Coupling UNI 100 part female
41	Coupling UNI 100 part male
42	Coupling UNI 125 complete
43	Coupling UNI 125 part female
44	Coupling UNI 125 part male
45	Coupling UNI 150 complete



## SPANNERS

Art.	Description
217	Type A
218	Type B 70-80
219	Type B 100-125
220	Type B 125-150



## CAPS

Art.	Description
205	UNI 25 F
206	UNI 45 F
207	UNI 45 M
208	UNI 70 F
209	UNI 70 M
210	UNI 100 F



## VALVES

Art.	Description
181	1" outlet UNI 25 M
182	1" 1/2 outlet UNI 45 M
183	2" outlet UNI 70 M
184	2" 1/2 outlet UNI 70 M
185	2" outlet UNI 70 F
186	2" 1/2 outlet UNI 70 F
187	1" 1/2 outlet 1" 1/2 M
188	2" outlet 2" M
189	2" 1/2 outlet 2" 1/2 M
190	1" 1/2 - ISO 7 outlet UNI 45 M
200	1" outlet 1" M




**FIXED BRASS ADAPTERS MALE - MALE**

Art.	Description
85	M UNI 25 X M 1"
86	M UNI 45 X M 1" 1/2
87	M UNI 45 X M UNI 45
88	M UNI 45 X M 2"
89	M UNI 45 X M UNI 70
90	M UNI 70 X M 2"
91	M UNI 70 X M 2" 1/2
92	M UNI 70 X M UNI 70
93	M UNI 70 X M 3"
94	M UNI 100 X M 4"
95	M UNI 125 X M 4"
96	M UNI 125 X M 4" 1/2
97	M UNI 125 X M 5"
98	M UNI 25 X M UNI 25
99	M UNI 45 X M UNI 25
100	M UNI 100 X M UNI 100
101	M UNI 125 X M UNI 125

**FIXED BRASS ADAPTERS MALE - FEMALE**

Art.	Description
106	M UNI 45 X F UNI 45
108	M 1" X F UNI 25
109	M UNI 45 X F UNI 25
110	M UNI 25 X F 1"
111	M UNI 25 X F UNI 45
112	M UNI 45 X F 1" 1/2
113	M 1" 1/2 X F UNI 45
114	M UNI 45 X F 2"
115	M 2" X F UNI 45
116	M UNI 45 X F UNI 70
117	M UNI 70 X F UNI 45
118	M UNI 70 X F 2" 1/2
119	M UNI 70 X F 3"
120	M 2" 1/2 X F UNI 70
121	M UNI 70 X F 2"
122	M UNI 100 X F 4"
123	M UNI 125 X F 5"
127	M 2" X F UNI 70

**FIXED BRASS ADAPTERS FEMALE - FEMALE**

Art.	Description
140	F UNI 25 X F 1"
141	F UNI 45 X F 1" 1/2
142	F UNI 45 X F 2"
143	F UNI 45 X F UNI 70
144	F UNI 70 X F 2"
145	F UNI 70 X F 2" 1/2
146	F UNI 70 X F 3"
147	F UNI 100 X F UNI 70
148	F UNI 125 X F UNI 70


**ROTATING ADAPTERS**

Art.	Description
158	F UNI 45 X F 1" 1/2
159	F UNI 45 X M 1" 1/2
160	F UNI 45 X M 2"
161	F UNI 45 X F 2"
162	F UNI 45 X M UNI 70
163	F UNI 70 X F 2" 1/2
164	F UNI 70 X M UNI 45
165	F UNI 45 X F UNI 70
166	F UNI 25 X F 1"
167	F UNI 45 X F UNI 45
168	F UNI 70 X F UNI 70
169	F UNI 70 X M UNI 100
170	F UNI 100 X M UNI 70
129	F UNI 45 X F 2" 1/2
136	F UNI 45 X M UNI 45
137	F UNI 70 X M 2"
171	F UNI 70 X F 2"
2454	F UNI 70 X M 2" 1/2


**MIXED ADAPTERS BRASS UNI-ALU STORZ FOR BORDER AREAS**

Art.	Description
172	Storz D - UNI 25 M
173	Storz D - UNI 25 F
174	Storz D - UNI 25 F swivel
176	Storz C - UNI 45 F
177	Storz C - UNI 45 F swivel
178	Storz B - UNI 70 M
179	Storz B - UNI 70 F
180	Storz C - UNI 45 M



### VARIOMATIC 1"

Multipurpose nozzle according to EN 671-1 recommended for use in hose-reels. The nozzle is moulded of high strength ABS unaffected by shock load and aggressive environment, easy to operate also after a long no working period. Weight 170 g w/o adapter.

Art.	Description
429	1" female
484	STORZ D

<b>K</b>	UNI 25 - 1" - D	DN8	Full jet	56
			Spray jet	65



### MIAMI 2"

Multipurpose nozzle according to EN 671-2 recommended for use in wall hydrants. The ergonomic design and the strength of employed materials allow to couple a high impact resistance to an easy handling in every operating condition. Resistant to sea water and chemicals, it's suitable in marine applications and in aggressive environments. The special outline of spray device enhances the cooling effect of atomized drops in the fire-fighting (water mist). Weight 380 g w/o adapter.

Art.	Description
408	Miami 2"

<b>K</b>		Full jet	96
		Spray jet	186



### GOLD 2"

Multipurpose nozzle built in brass alloy with synthetic rubber seals. Resistant to sea water and chemicals, it's suitable in marine applications and is MED approved. Available in 12, 13, 16, 19 mm tip equivalent diameter. Weight 900 g w/o adapter.

Art.	Description
410	UNI 45 - 2"

<b>K</b>	DN13	Full jet	118
		Spray jet	135



### MAJA 2" 1/2

Multipurpose constant flow branch-pipe of large flow capacity, specially fitted for high performance and when large quantities of water are required. Solid light alloy construction with rubber bumper for maximum protection and easier gripping. Stream angle selection indicated. The special outline of spray device and the wide flushing angle enhance the cooling effect of atomized drops while protecting the branch-man in the fire attack. Weight 1.230 g w/o adapter.

Art.	Description
428	2" 1/2 female

<b>K</b>	UNI 70 e 2" 1/2 female	DN20	Full jet	208
			Spray jet	282

### JET SPRAY 1"



Multipurpose nozzle according to EN 671-1 recommended for use in hose-reels. The nozzle is moulded of high strength plastic resin with rubber gaskets and allows large throw distance and atomization of the spray jet. Weight 180 g.

Art.	Description
413	UNI 25 F
<b>K</b>	UNI 1" DN6 Full jet 23,7
	Spray jet 21,5

### MISTRAL 2" and 2" 1/2



Multipurpose nozzle according to EN 671-2. Body and tip in brass alloy, gaskets in synthetic rubber, pipe in reinforced Moplen anti-skid finishing. The operation is controlled by a stop valve with spray generator producing a large and continuous jet which exceeds by far the range prescribed by standard regulations. In full spray position the spray device is constantly cleaned by the water flow. In full spray position a smooth non turbulent flow of water is guaranteed. Weights 900 g or 1630 g w/o adapter.

Art.	Description
417	2" male
418	UNI 70
<b>K</b>	2" DN12 Full jet 97
	Spray jet 86
	2" 1/2 DN16 Full jet 160
	Spray jet 155

### JET SPRAY 2" and 2" 1/2



Multipurpose branch-pipe according to 671-2. Solid light metal construction of aluminium alloy. The operation is controlled by a stop valve with spray generator producing a large and continuous jet which exceeds by far the range prescribed by standard regulations. In full spray position the spray device is constantly cleaned by the water flow. In full spray position a smooth non turbulent flow of water is guaranteed. MED approved. Weights 1050 g or 2130 g w/o adapter.

Art.	Description
425	2" male
426	2" 1/2 male
<b>K</b>	2" DN12 Full jet 78
	Spray jet 75
	2" 1/2 DN16 Full jet 160
	Spray jet 155

### JET SPRAY WITH WATER CURTAIN 2" and 2" 1/2



To protect fireman when holding the branch-pipe against heat and smoke, a water curtain can be added to the full and spray jet. The water curtain element is arranged annularly behind the nozzle. By means of the adjusting ring which can be turned easily, also under pressure, the outlet angle can be varied between 0 and 160°. In moments of danger the entire water flow can be shut-off with a single motion independently of setting of the water curtain. Weights 1450 g or 2910 g w/o adapter.

Art.	Description
420B	2" male
422B	2" 1/2 male
<b>K</b>	UNI 45 DN12 Full jet 78
	Spray jet 76
	Water curtain 95
	UNI 70 DN16 Full jet 121
	Spray jet 156
	Water curtain 195

# PROFESSIONAL NOZZLES

## ALAMO



Multipurpose constant flow nozzle with a wide range of stream setting ( 30° to 120°) to enhance the extinguishing effect ( full jet, spray and water fog). Solid light alloy construction with rubber bumping for maximum protection and easier gripping. Stream angle selection indicated. The pistol grip, ergonomically designed, affords easy maneuverability and reduce the effort of the fire fighter. Weight 1050 g without adapter.

Art.	Description
424	2" male

<b>K</b>	2"	DN17	Full jet	135
			Spray jet	164

## MIRAGE



Multipurpose nozzle with a wide range of stream setting ( 30° to 120°) to enhance the extinguishing effect ( full jet, narrow and wide water fog). Solid light alloy construction with rubber bumping for maximum protection and easier gripping. Stream angle selection indicated. The pistol grip, ergonomically designed, affords easy maneuverability and reduce the effort of the fire fighter. Swivel inlet and durable shut-off handle. Weight 1250 g without adapter.

Art.	Description
416	1" ½ female

<b>K</b>	UNI 45 e 1" ½	DN17	Full jet	135
			Spray jet	164

## FIRESTAR



Selectable gallonage nozzle conform to EN 15182-1 and 2 standard. Solid light alloy construction with rubber bumping for maximum protection and easier gripping . Stream angle selection indicated. The pistol grip, ergonomically designed, reduce the effort of the fire fighter. Inox spinning teeth, swivel inlet and durable shut-off handle. For items 2078 (model 2360) and 2079 (model 2361) 40 bar working pressure.

Art.	Description	Flows (l/min a 0,7 MPa)
2079	DN 25 - mod. 2360 - 4,0 Mpa	19 - 37 - 90 - 150
2078	DN 25 - mod. 2361 - 4,0 Mpa	50 - 100 - 150 - 230
2080	DN 45 - mod. 366 - MPa 1,6	115 - 230 - 360 - 475
2081	DN 70 - mod. 368 - MPa 1,6	360 - 550 - 750 - 950

## BLUEDEVIL SG - SELECTABLE GALLONAGE



Heavy duty professional nozzle produced to accomplish EN 15182-1 and 2 Type 3. Constant gallonage in all positions and flows. Designed to work with pressure up to 40 bar. 360° inlet swivel. Aluminium pistol grip covered with thermo-rubber. Tough heavy duty internal design insure long trouble-free service life. Standard with stainless steel spinning teeth, available also with rylstatic system to increase reach in straight stream position and to reduce friction loss through the nozzle.

Art.	Model	Flows (l/min a 7 BAR)
8850	BLUEDEVIL mod. 550	25 - 50 - 100 - 175
8851	BLUEDEVIL mod.1560	50 - 110 - 170 - 225
8852	BLUEDEVIL mod. 3012	115 - 230 - 360 - 475
8853	BLUEDEVIL mod. 7515	265 - 380 - 500 - 600
8854	BLUEDEVIL mod. 9520	360 - 470 - 570 - 750
8855	BLUEDEVIL mod. 12250	470 - 560 - 750 - 950

## VIPER SG - SELECTABLE GALLONAGE



Professional nozzle Constant gallonage in all positions and flows. 4 gallonage selection ring without pattern changes. Extruded aluminium alloy, lightweight, hard-coated and durable. Designed for use with foam inductors and foam tubes. Wide range ( from 19 to 800 l) of gallonage selection. Spinning teeth in Plastic (polyamide) with fiber for a perfect micronization of the water drops. Swivel inlet.

Art.	Model	Flows (l/min a 7 BAR)
437	VIPER SG 1560 - 1" F GAS	50 - 125 - 200 - 230
438	VIPER SG 3012 - 1" ½ F GAS	115 - 230 - 360 - 475
439	VIPER SG 7515 - 1" ½ F GAS	265 - 380 - 500 - 600
4020	VIPER SG 9520 - 1" ½ F GAS	380 - 500 - 600 - 800
4010	VIPER SG 12250 - 2" ½ G GAS	500 - 600 - 800 - 1000



### VIPER CONSTANT

Constant gallonage in all positions, ideal for use with foam inductors and foam tubes.

Art.	Model	Flows (l/min a 7 Bar)
8834	CG 1550 - 1"	115
8835	CG 2510 - 1"½	360
8836	CG 5016 - 1"½	475
8837	CG 8020 - 2"½	800



### VIPER AUTOMATIC

BIMATIC system which ensure a good operating pressure.

Art.	Modello	Flows (l/min a 7 Bar)
8838	FT 1550 - 1"	90
8839	FT 2510 - 1"½	150
8840	FT 5016 - 1"½	275
8841	FT 8020 - 2"½	550



### VIPER INDUSTRIAL

Constant gallonage in all positions, ideal for use with foam inductors and foam tubes.

Art.	Modello	Flows (l/min a 7 Bar)
8842	ST 15 - 1"	50
8884	ST 30 - 1"	110
8844	ST 45 - 1"	160
8845	ST 60 - 1"½	210
8846	ST 95 - 1"½	330



### VIPER FOREST

Constant gallonage in all positions. Produced to accomplish EN 15182-1 and 2 Type 2- perfect for forest fire-fighting. Working pressure up to 32 bar.

Art.	Modello	Flows (l/min a 7 Bar)
43700	SG 540 - 1"	19 - 37 - 90 - 150
43701	SG 1560 - 1"	50 - 125 - 200 - 230

# HOSE REELS TORTUGA® CE

## HOSE REELS TORTUGA® ML

Tortuga hose reels are made of a cabinet built in linear polyethylene LLPDE pressed in one piece without junctions, insertions and trimming of the material and a strong metallic bobbin with a brass rotating joint. The door is mounted on metallic hinges. The opening is easy and immediate. Tortuga® hose reel design to have a long aging resistance and is made with the best materials suitable for mounting outdoors or in marine environment. It's conform to ISO 4892-2. The cabinet is made of 100% recyclable materials. It is perfect to install in places where the risk of accidental impact is not foreseeable (schools, sports arenas, gymnasiums, jails, hospices and homes for the blind) as it's completely free of sharp edges which might cause injury. Available also in different colours.

TORTUGA® is a trade mark of **sapin**

## TORTUGA® ML

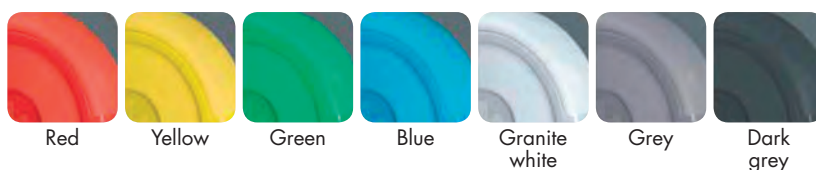


PYTON WHITE

Art.	Description	Dimension
720	15 m	700x720x240
721	20 m	700x720x240
722	25 m	700x720x240

## EMPTY CABINET ML

Art.	Description
2408	without bobbin and arm



Red

Yellow

Green

Blue

Granite white

Grey

Dark grey

## HI TECH COLUMNS

Galvanized steel (or stainless steel) columns for cabinets Tortuga® and Rio®. Available painted with epoxy-polyester powder RAL 3000 or stainless steel 304.

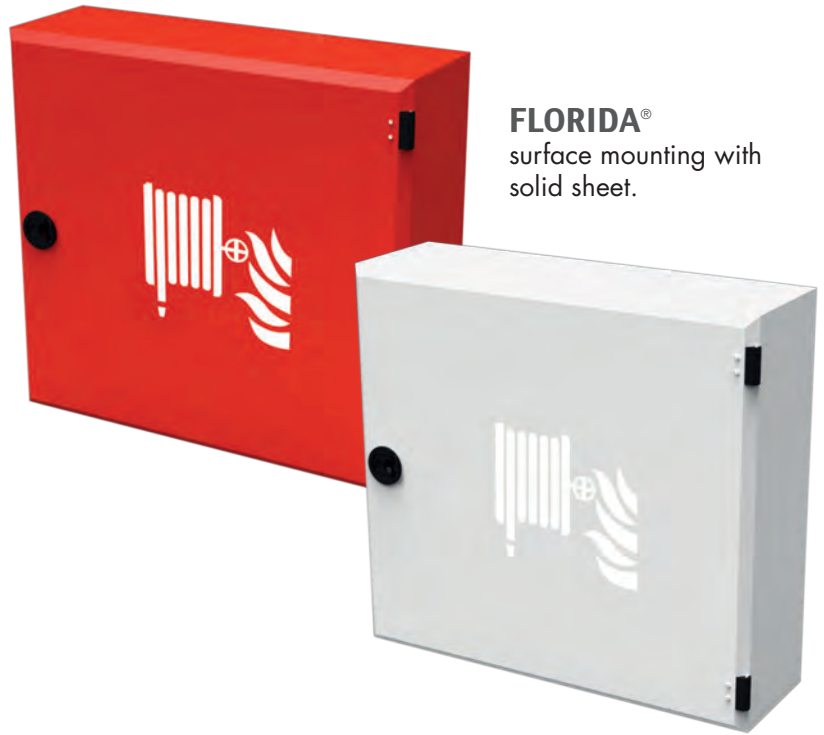
Art.	Color
7322	Red RAL 3000
7322G	Metallized grey
7323	Stainless steel 304



# HOSE REELS FLORIDA® CE

- Cabinet frame made of 1 mm thick galvanized steel
- Painted with epoxy-polyester powder coating 70 µm thick
- Rotating nozzle
- 1" Inlet stop valve
- Semi-rigid hose Pyton Ø 25 mm certified EN 694 (white or red)
- Closing device with numbered seal
- Swinging 180°

Hose reels **FLORIDA®** are marked **CE** in agreement with the Construction Products regulation (UE) CPR n° 305/2011.



**FLORIDA®**  
surface mounting with  
solid sheet.

**FLORIDA®** is a trade mark of **sapin**

Description	m
A1 - B1 - C1 - D1	15/20
A2 - B2 - C2 - D2	25/30

<b>P (MPa)</b>	0,2	0,3	0,4	0,6
<b>Q (l/min)</b>	49	60	69	85
<b>K=34,9</b>				

## RED COLOURED RAL 3000 FLORIDA SURFACE MOUNTING WITH SOLID SHEET mod. B1-B2



PYTON WHITE			PYTON RED		
Art.	Description	Dimensions	Art.	Description	
1586	15 m	650x600x200	1591	15 m	
1587	20 m	650x600x200	1592	20 m	
1588	25 m	750x700x200	1593	25 m	
1589	30 m	750x700x200	1594	30 m	

## WHITE COLOURED RAL 9010 FLORIDA SURFACE MOUNTING WITH SOLID SHEET MOD. B1-B2



PYTON WHITE			PYTON RED		
Art.	Description	Dimensions	Art.	Description	
2586	15 m	650x600x200	2591	15 m	
2587	20 m	650x600x200	2592	20 m	
2588	25 m	750x700x200	2593	25 m	
2589	30 m	750x700x200	2594	30 m	





**FLORIDA®**  
surface  
mounting with  
transparent  
plastic sheet.

**RED COLOURED RAL 3000 FLORIDA SURFACE MOUNTING  
WITH TRANSPARENT PLASTIC SHEET mod. A1-A2**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
1576	15 m	650x600x200	1581	15 m
1577	20 m	650x600x200	1582	20 m
1578	25 m	750x700x200	1583	25 m
1579	30 m	750x700x200	1584	30 m

**WHITE COLOURED RAL 9010 FLORIDA SURFACE MOUNTING  
WITH TRANSPARENT PLASTIC SHEET mod. A1-A2**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
2576	15 m	650x600x200	2581	15 m
2577	20 m	650x600x200	2582	20 m
2578	25 m	750x700x200	2583	25 m
2579	30 m	750x700x200	2584	30 m

**RED COLOURED RAL 3000 FLORIDA RECESS MOUNTING  
WITH SOLID SHEET mod. B1-B2 INC.**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
1606	15 m	650x600x185	1611	15 m
1607	20 m	650x600x185	1612	20 m
1608	25 m	750x700x185	1613	25 m
1609	30 m	750x700x185	1614	30 m



- DIMENSIONS IN THE TABLE ARE REFERRED TO RECESS PART.
- DIMENSIONS OF THE EXTERNAL FRAME ARE:

15 - 20 m	680x630x25
25 - 30 m	780x730x25

**WHITE COLOURED RAL 9010 FLORIDA RECESS MOUNTING  
WITH SOLID SHEET mod. B1-B2 INC.**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
2606	15 m	650x600x185	2611	15 m
2607	20 m	650x600x185	2612	20 m
2608	25 m	750x700x185	2613	25 m
2609	30 m	750x700x185	2614	30 m

**FLORIDA®**  
wall recess  
with solid  
sheet



- DIMENSIONS IN THE TABLE ARE REFERRED TO RECESS PART.
- DIMENSIONS OF THE EXTERNAL FRAME ARE:

15 - 20 m	680x630x25
25 - 30 m	780x730x25

**RED COLOURED RAL 3000 FLORIDA RECESS MOUNTING  
WITH TRANSPARENT PLASTIC SHEET mod. A1-A2 INC.**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
1596	15 m	650x600x185	1601	15 m
1597	20 m	650x600x185	1602	20 m
1598	25 m	750x700x185	1603	25 m
1599	30 m	750x700x185	1604	30 m

**WHITE COLOURED RAL 9010 FLORIDA RECESS MOUNTING  
WITH TRANSPARENT PLASTIC SHEET mod. A1-A2 INC.**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
2596	15 m	650x600x185	2601	15 m
2597	20 m	650x600x185	2602	20 m
2598	25 m	750x700x185	2603	25 m
2599	30 m	750x700x185	2604	30 m

**FLORIDA®**  
wall recess with  
transparent  
plastic sheet.



# HOSE REELS FLORIDA® P.E. CE



**FLORIDA®**  
surface mounting  
with solid sheet  
and place for fire  
extinguisher

**RED COLOURED RAL 3000  
FLORIDA® SURFACE  
MOUNTING WITH SOLID  
SHEET AND PLACE  
FOR FIRE EXTINGUISHER  
mod. D1-D2**

**WHITE COLOURED  
RAL 9010  
FLORIDA® SURFACE  
MOUNTING WITH SOLID  
SHEET AND PLACE FOR  
FIRE EXTINGUISHER  
MOD. D1-D2**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
91586	15 m	950x600x200	91591	15 m
91587	20 m	950x600x200	91592	20 m
91588	25 m	1050x700x200	91593	25 m
91589	30 m	1050x700x200	91594	30 m

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
92586	15 m	950x600x200	92591	15 m
92587	20 m	950x600x200	92592	20 m
92588	25 m	1050x700x200	92593	25 m
92589	30 m	1050x700x200	92594	30 m



**FLORIDA®**  
surface mounting  
with transparent  
plastic sheet and  
place for  
fire extinguisher

**RED COLOURED RAL 3000  
FLORIDA® SURFACE  
MOUNTING WITH TRAN-  
SPARENT PLASTIC SHEET  
AND PLACE FOR FIRE  
EXTINGUISHER  
mod. C1-C2**

**WHITE COLOURED RAL 9010  
FLORIDA® SURFACE  
MOUNTING WITH TRAN-  
SPARENT PLASTIC SHEET  
AND PLACE FOR FIRE  
EXTINGUISHER  
MOD. C1-C2**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
91576	15 m	950x600x200	91581	15 m
91577	20 m	950x600x200	91582	20 m
91578	25 m	1050x700x200	91583	25 m
91579	30 m	1050x700x200	91584	30 m

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
92576	15 m	950x600x200	92581	15 m
92577	20 m	950x600x200	92582	20 m
92578	25 m	1050x700x200	92583	25 m
92579	30 m	1050x700x200	92584	30 m



- DIMENSIONS IN THE TABLE ARE REFERRED TO RECESS PART.
- DIMENSIONS OF THE EXTERNAL FRAME ARE:

15 - 20 m	985x635x25
25 - 30 m	1035x735x25

**FLORIDA®** recess mounting with solid sheet and place for fire extinguisher

**RED COLOURED RAL 3000  
FLORIDA® RECESS  
MOUNTING WITH SOLID  
SHEET AND PLACE  
FOR FIRE EXTINGUISHER  
mod. D1-D2**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
91606	15 m	950x600x185	91611	15 m
91607	20 m	950x600x185	91612	20 m
91608	25 m	1050x700x185	91613	25 m
91609	30 m	1050x700x185	91614	30 m

**WHITE COLOURED  
RAL 9010  
FLORIDA® RECESS  
MOUNTING WITH SOLID  
SHEET AND PLACE FOR  
FIRE EXTINGUISHER  
MOD. D1-D2**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
92606	15 m	950x600x185	92611	15 m
92607	20 m	950x600x185	92612	20 m
92608	25 m	1050x700x185	92613	25 m
92609	30 m	1050x700x185	92614	30 m



**FLORIDA®** recess mounting with transparent plastic sheet and place for fire extinguisher

**RED COLOURED RAL 3000  
FLORIDA® RECESS  
MOUNTING WITH TRANSPARENT PLASTIC SHEET  
AND PLACE FOR FIRE  
EXTINGUISHER  
mod. C1-C2**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
91596	15 m	950x600x185	91601	15 m
91597	20 m	950x600x185	91602	20 m
91598	25 m	1050x700x185	91603	25 m
91599	30 m	1050x700x185	91604	30 m

**WHITE COLOURED RAL 9010  
FLORIDA® RECESS  
MOUNTING WITH TRANSPARENT PLASTIC SHEET  
AND PLACE FOR FIRE  
EXTINGUISHER  
MOD. C1-C2**

PYTON WHITE			PYTON RED	
Art.	Description	Dimensions	Art.	Description
92596	15 m	950x600x185	92601	15 m
92597	20 m	950x600x185	92602	20 m
92598	25 m	1050x700x185	92603	25 m
92599	30 m	1050x700x185	92604	30 m



**FLORIDA®**  
surface mounting  
in stainless steel  
with solid sheet



**FLORIDA® SURFACE MOUNTING IN STAINLESS STEEL WITH SOLID SHEET mod. B1-B2**



PYTON WHITE

Art.	Description	Dimensions
81586	15 m	650x600x200
81587	20 m	650x600x200
81588	25 m	750x700x200
81589	30 m	750x700x200



PYTON RED

Art.	Description	Dimensions
81591	15 m	650x600x200
81592	20 m	650x600x200
81593	25 m	750x700x200
81594	30 m	750x700x200



**FLORIDA®**  
surface mounting  
stainless steel  
with transparent  
plastic sheet



**FLORIDA® SURFACE MOUNTING IN STAINLESS STEEL WITH TRANSPARENT PLASTIC SHEET MOD A1-A2**



PYTON WHITE

Art.	Description	Dimensions
81576	15 m	650x600x200
81577	20 m	650x600x200
81578	25 m	750x700x200
81579	30 m	750x700x200



PYTON RED

Art.	Description	Dimensions
81581	15 m	650x600x200
81582	20 m	650x600x200
81583	25 m	750x700x200
81584	30 m	750x700x200

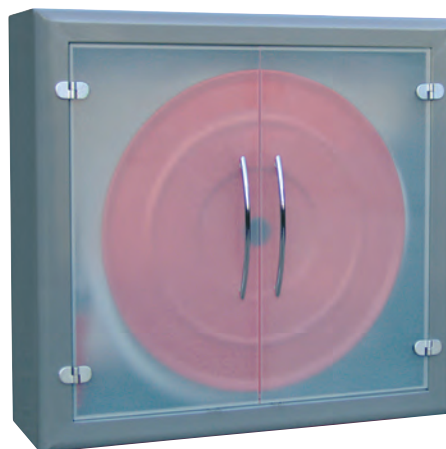


**FLORIDA® SURFACE MOUNTING IN STAINLESS STEEL EMPTY**

Art.	Description	Dimensions
7312	Stainless steel Cabinet and reel B1 empty	650x600x200
7313	Stainless steel Cabinet and reel B2 empty	750x700x200
7317	Stainless steel Cabinet and reel A1 empty	650x600x200
7318	Stainless steel Cabinet and reel A2 empty	750x700x200

7314	Back sheet for B1/A1	
7319	Back sheet for B2/A2	

## HOSE REELS "DESIGN" CE



DESIGN  
LINE

Hose reels "Design" are made with a cabinet made of 1,5 mm steel painted with epoxy-polyester powder conform to ISO 9227 in red RAL 3000 or grey RAL 9006. Handles and hinges are in chromate brass. Surface mounting with transparent safety tempered glass.

### HOSE REELS DESIGN WALL MOUNTING

PYTON BIANCO			PYTON ROSSO	
Art.	Descriz.	Dimensioni	Art.	Descriz.
8007	15 m	695x660x222	8107	15 m
8012	20 m	695x660x222	8112	20 m
8017	25 m	810x765x222	8117	25 m
8022	30 m	810x765x222	8122	30 m

## HOSE REELS F1 CE



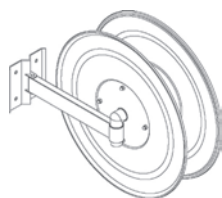
### HOSE REEL F1

Swinging hose reel with bracket. Built in steel red painted, are supplied complete of inlet stop valve and feeding semi-rigid hose of 80 cm. They are marked CE 0497/CPR/0133 in agreement with the Construction Products regulation (UE) CPR n° 305/2011.

### EMPTY HOSE REEL

Art.	Descriz.	A	B	C	D
7308	15/20 m	505	300	80	160
7309	25/30 m	605	350	80	160

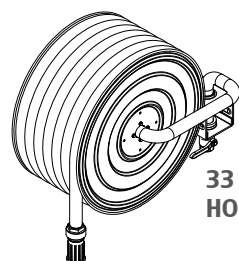
HOSE REEL  
Wall mounting



### HOSE REEL F1

PYTON BIANCO			PYTON ROSSO	
Art.	Descriz.	Bobbin Ø	Art.	Descriz.
8207	15 m	505	8307	15 m
8212	20 m	505	8312	20 m
8217	25 m	605	8317	25 m
8222	30 m	605	8322	30 m

## HOSE REELS R.I.A. 33



33 R.I.A.  
HOSE REELS

### R.I.A. HOSE REELS 33 mm

Swinging hose reel. Built in steel red painted, is supplied with inlet stop valve, semi-rigid hose Ø 33 mm and nozzle.



8500

## FIXED HOSE REEL BP

Fixed fire hose reel for semi-rigid hoses DN 19mm and DN 25 mm complete with inlet stop valve and nozzle. The hose reel is supplied with a wall-mounting bracket, which simplifies the installation, and a hose guide. Hose length 20, 25 and 30 m.

HOSE PYTON WHITE DN 25	
Art.	m
8491	20
8492	25
8493	30

HOSE PVC DN 25	
Art.	m
8499	20
8500	25
8501	30

HOSE PYTON WHITE DN 19	
Art.	m
8495	20
8596	25
8497	30

HOSE PVC DN 19	
Art.	m
8503	20
8504	25
8505	30



## HOSE TROLLEY

Hose trolley suitable to contain up to 50 m of PYTON semi-rigid hose. Axial feeding of water.

Art.	Description
9740	Hose trolley



## LAY-FLAT HOSE TROLLEY

Lay flat hose trolley suitable for a quicker connection to a water supply or to a pillar hydrant.

Art.	Description
740	Lay-flat hose trolley

# INDUSTRIAL HOSE REELS



9010

Available a wide range of industrial hose reels for semi-rigid hoses from  $\frac{3}{4}$ " , 1" , 1"  $\frac{1}{2}$  to be used at medium and high pressures.

Available hoses in plastic, rubber or textile.

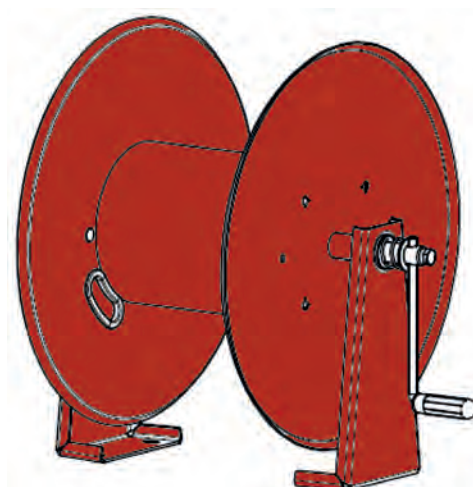
Multi-purpose Nozzles.

Available in stainless steel or painted steel.

On request available with different inlet diameters  $\frac{3}{8}$ " -  $\frac{1}{2}$ " -  $\frac{5}{8}$ " - 1"  $\frac{1}{4}$ .



9018



9011

Art.	Description	Tipology
9010	Hoses $\varnothing$ 1" $\frac{1}{2}$	radial model
9011	Hoses $\varnothing$ $\frac{3}{4}$ - 1"	heavy duty flanged model
9018	Hoses $\varnothing$ $\frac{3}{4}$ - 1"	flanged model

## CABINETS FOR INDUSTRIAL REELS

Art.	Description	Dimensions
9012	Red painted steel RAL 3000	1000 x 900 x 1000 mm
9013	Stainless steel 304	1000 x 900 x 1000 mm
9014	Red painted steel RAL 3000	800 x 800 x 600 mm
9015	Stainless steel 304	800 x 800 x 600 mm
9016	Basement with four support - red painted steel	H 300 mm
9017	Basement with four support - stainless steel	H 300 mm

# WALL HYDRANTS CE






**TEXAS®** outdoor surface mounting Type C for external use

**TEXAS®** wall hydrants are marked CE in agreement with the Construction Products regulation (UE) CPR n° 305/2011. In download section ([www.sapin.it](http://www.sapin.it)) You can find declaration of Performance (DoP) split in following families:  
 Wall hydrants with MIAMI branch-pipe.  
 Wall hydrants with MISTRAL branch-pipe.  
 Wall hydrants with GOLD branch-pipe.

**TEXAS®** is a Registered Trade Mark of **sapin**




## TEXAS® OUTDOOR

Dimensions: 450x530x200 mm		Empty cabinet with saddle	Art. 660
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	1915	1815	1715
20 m	1920	1820	1720
25 m	1925	1825	1725
30 m	1930	1830	1730



**TEXAS®** indoor surface mounting Type C for internal use (flat roof)




## TEXAS® INDOOR

Dimensions: 450x505x162 mm		Empty cabinet with saddle	Art. 947
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	1935	1835	1735
20 m	1940	1840	1740
25 m	1945	1845	1745
30 m	1950	1850	1750



**TEXAS®** recess mounting type B (adjustable frame)

## TEXAS® RECESS

Dimensions: 440x495x150 mm Frame 485x545x5 mm		Empty cabinet with saddle	Art. 945
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	1955	1855	1755
20 m	1960	1860	1760
25 m	1965	1865	1765
30 m	1970	1870	1770





TEXAS®  
COVER  
Type A.




TEXAS® COVER FOR WALL RECESS

Dimensions: 440x606x28 mm		Only cover	Art. 943
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	1655	1635	1615
20 m	1660	1640	1620
25 m	1665	1645	1625
30 m	1670	1650	1630



TEXAS®  
WINDOW  
surface  
mounting  
Type C for  
external use  
and  
inspection  
window




TEXAS® WINDOW

Dimensions: 450x530x200 mm		Empty cabinet with saddle	Art. 942
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	3912	3812	3712
20 m	3917	3817	3717
25 m	3922	3822	3722
30 m	3927	3827	3727



TEXAS®  
TWIN  
COMPACT  
surface  
mounting  
Type C for  
internal use  
with place  
for fire  
extinguisher




TEXAS® TWIN COMPACT

Dimensions: 650x600x200 mm		Empty cabinet with saddle	Art. 925
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	3914	3814	3714
20 m	3919	3819	3719
25 m	3924	3824	3724
30 m	3929	3829	3729



TEXAS®  
TWIN  
COMPACT  
recess  
mounting  
Type B for  
internal use  
with place  
for fire  
extinguisher

TEXAS® TWIN COMPACT RECESS

Dimensions: 650x600x185 mm Frame 680x630x25 mm		Empty cabinet with saddle	Art. 927
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	3913	3813	3713
20 m	3918	3818	3718
25 m	3923	3823	3723
30 m	3928	3828	3728




# TEXAS® "EASY ON"

Galvanised steel cabinet powder painted finished for outdoors mounting (ISO 9227)



Endowed of special cuttings made by laser for a quick and easy change in every situation. Registered model.

## TEXAS® "EASY ON"

Dimensions: 450x530x200 mm		Empty cabinet with saddle	Art. 670
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	19151	18151	17151
20 m	19201	18201	17201
25 m	19251	18251	17251
30 m	19301	18301	17301

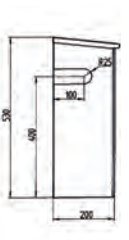
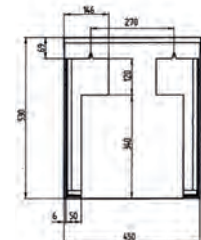
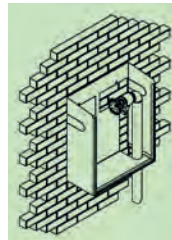
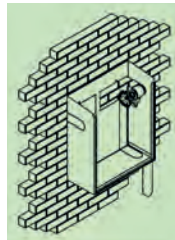
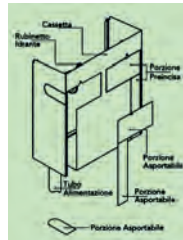
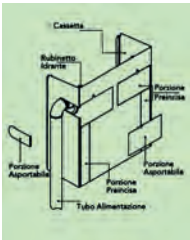
## ASSEMBLY INSTRUCTIONS

Take away the desired sectors following the mounting requirements

External feeding pipe

Internal feeding pipe

Internal feeding pipe



# TEXAS® VISUAL



VISUAL set allows a complete personalization of the product: You can have, also for small quantities, a tailor-made cabinet by choosing every type of picture on the front sheet. E.g. Your or Your customer logo and publicity.

All TEXAS® cabinet are available in different colours.  
Minimum quantity required.

# TEXAS® FREE STANDING



Supplied with or without cabinet. The cabinet is mounted on a robust frame for mounting on the floor. The water supply piping is hidden in the frame. Suitable for use in locations where it is impossible or undesired to mount a cabinet on the wall.

Art.	Description
7325	for hose reel
7324	for wall hydrant

Item without cabinet.  
Suitable for reels FLORIDA B1 or A1 or cabinets TEXAS TWIN COMPACT.

# TORTUGA® CE






TORTUGA®

Tortuga wall hydrant is made of a cabinet built in linear polyethylene LLPDE pressed in one piece without junctions or insertions. The sliding door allows an easy and immediate opening. Tortuga® hose reel is designed to have a long aging resistance and is made with the best materials suitable for mounting outdoors or in marine environment. It's conform to ISO 4892-2. The cabinet is made of 100% recyclable materials. It is perfect to install in places where the risk of accidental impact is not foreseeable (schools, sports arenas, gymnasiums, jails, hospices and homes for the blind) as it's completely free of sharp edges which might cause injury.

TORTUGA® is a registered trade mark of **sapin**

## TORTUGA® SL

Dimensions: 410x594x170 mm		Empty cabinet with transparent sheet	Art. 745
Type of nozzle:	 MIAMI	 MISTRAL	 GOLD
	Art.	Art.	Art.
15 m	3615	3515	3415
20 m	3620	3520	3420
25 m	3625	3525	3425
30 m	3630	3530	3430

Available colours



# PILLAR HYDRANTS EURO BASIC CE

EN 14384



Cast iron pillar hydrants DN 80 and DN 100, dry type, with automatic drainage system. With connection and plug: available connections are UNI, DSP, BS, STORZ, NH, GOST.

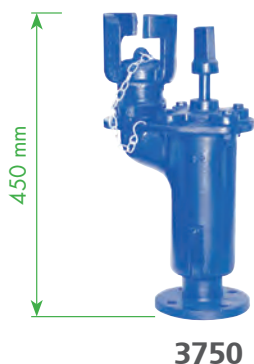
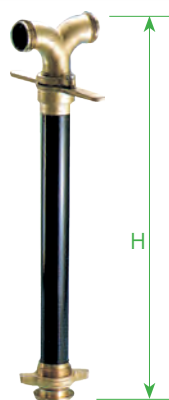
## PILLAR HYDRANTS WITHOUT BREAK SYSTEM TYPE A

Art.	Description
2900	DN 80 X 2 - 2"½ prof. 550
2901	DN 80 X 2 - 2"½ prof. 700
2903	DN 100 X 2 - 2"½ prof. 550
2904	DN 100 X 2 - 2"½ prof. 700
2906	DN 100 X 2 - 2"½ and outlet for pump connection 4" prof. 550
2907	DN 100 X 2 - 2"½ and outlet for pump connection 4" prof. 700

## PILLAR HYDRANTS WITH BREAK SYSTEM TYPE C

Art.	Description
2909	DN 80 X 2 - 2"½ prof. 550
2910	DN 80 X 2 - 2"½ prof. 700
2912	DN 100 X 2 - 2"½ prof. 550
2913	DN 100 X 2 - 2"½ prof. 700
2915	DN 100 X 2 - 2"½ and outlet for pump connection 4" prof. 550
2916	DN 100 X 2 - 2"½ and outlet for pump connection 4" prof. 700

# UNDERGROUND HYDRANTS AND ACCESSORIES



## STANDPIPE WITH ONE OR TWO OUTLETS

With or without valve- available connections are UNI, DSP, BS, STORZ, NH, GOST.

## UNDERGROUND HYDRANTS BAYONET OUTLET

Art.	Description
3750	DN80 - OUTLET Bayonet

## MANHOLE COVER

Art.	Description
401	Manhole cover



## DUCK FOOT BEND

Art.	Description	A mm	B mm
355	Duck foot bend DN 80	260	160
356	Duck foot bend DN 100	315	205

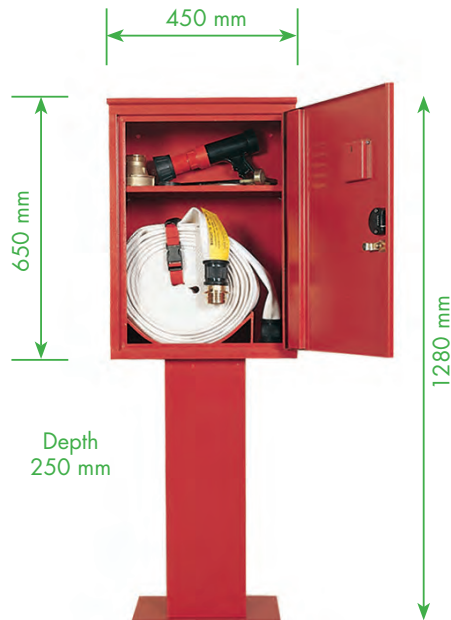
# HOSE STATION CABINETS

Galvanized steel cabinet powder painted finished for outdoors mounting (ISO 9227) lockable with Key-box equipped with breakable "safe crash"- Suitable to contain one or more hoses, nozzles, adaptors and equipment for fire service use (not included). Wide range of standard items: upon request other dimensions following Your requirements

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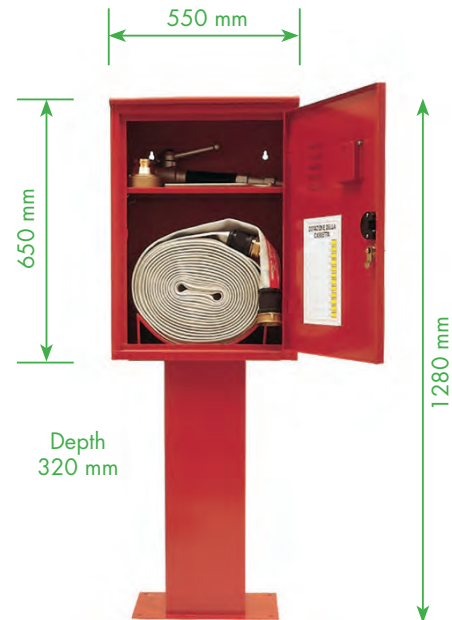
**type TEXAS®**

**ADJUSTABLE SHELF**



**SINGLE**

Art.	Description
730	Cabinet with column
733	Only cabinet
718	Column h 630



**DOUBLE**

Art.	Description
734	Cabinet with column
735	Only cabinet
718	Column h 630



**MULTIPLE**

Art.	Description
731	Cabinet with column
736	Only cabinet
719	Column h 630



**LARGE**

N°2 adjustable shelves

Art.	Description
732	Cabinet

# MOBILE FOAM TRAILERS

## RANGER 100

Foaming trolley to be used with hydrants for a rapid deployment of low expansion foam. Suitable for use with all types of foam concentrate, it provides with minimum manpower requirements a highly efficient fire-fighting unit. They are composed by a strong foam tank in polyethylene mounted on a painted tubular steel chassis, with level indicator band, filter for foam agent, hatch for inspection and filling, light alloy inductor BYPP 200 l/' (available 400 l/' with 3% or 6% metering head with check valve to prevent back flow, couplings following specifications (UNI, Storz, BS, Afnor), low expansion Kugel foam nozzle 200 l/' (available 400 l/'), n° 2 fire hoses 20 m length (Ø 45 mm for 200 l/' - Ø 70 for 400 l/'), tool-box kit and adjustable support wheel (for model S200). Foam concentrated excluded.



### MOBILE FOAM TRAILER "RANGER" S100

#### RANGER 100

**DIMENSIONS:**  
1200 X 770 X 850 mm  
**WEIGHT:** 51 kg  
**Tank Capacity** 110 litri

Art.	Description
960	Mod. S100 - 200 l/min - UNI 45
971	Mod. S100 - 200 l/min - STORZ C L.A.
972	Mod. S100 - 200 l/min - UNI BS L.A.
973	Mod. S100 - 200 l/min - AFNOR L.A.
2110	Mod. S100 - 400 l/min - UNI 70
2120	Mod. S100 - 200 l/min - UNI 45 - medium expansion
2130	Mod. S100 - 400 l/min - UNI 70 - medium expansion



## MOBILE FOAM TRAILER "RANGER" S200

### RANGER 200

**DIMENSIONS:**

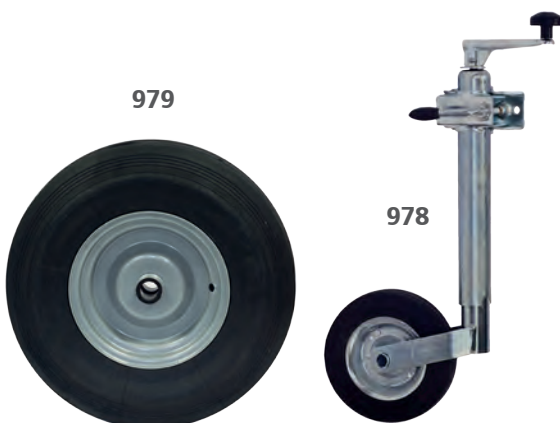
1650 X 850 X 920 mm

**WEIGHT:** 83 kg

**CARATTERISTICS:**

- Tank Capacity 208 litri
- Tools box
- Front adjustable support wheel

Art.	Description
970	Mod. S200 - 200 l/min - UNI 45
974	Mod. S200 - 200 l/min - STORZ C L.A.
975	Mod. S200 - 200 l/min - UNI BS L.A.
976	Mod. S200 - 200 l/min - AFNOR L.A.
2140	Mod. S200 - 400 l/min - UNI 70
2160	Mod. S200 - 200 l/min - UNI 45 - medium expansion
2180	Mod. S200 - 400 l/min - UNI 70 - medium expansion



## SPARE PARTS FOR RANGER MOBILE FOAM TRAILERS

Art.	Description
969	Tank for S100
977	Tank for S200
978	Front adjustable support wheel
979	Rear wheel
8410	Discharge cap
8411	Level indicator band
8412	Filling cap with filter for S100
8413	Filling cap with filter for S200

# TEXAS® WATER FOAM STATIONS

Galvanized steel cabinet powder painted finished for outdoors mounting (ISO 9227) lockable with Key-box equipped with breakable "safe crash"- Suitable to contain two 25 Kg. Cans of foam agent (not included).

## WATER-FOAM HOSE HYDRANT



**WATER-FOAM HOSE HYDRANT  
"TEXAS FOAM"**

Art.	Description
930	"Texas Foam" 200/45
931	"Texas Foam" 200/STORZ C L.A.

**DIMENSIONS:**

- 700 X 1600 X 400 mm

**TECHNICAL DATA:**

- 180° swinging bobbin.
- 1" ½ stop valve.
- Light alloy inductor BYPP 200 l/'for a 6% (3% available) metering head with check valve to prevent back flow- PVC pick up hose with stainless steel pipe.
- 20 m Lay-flat Kobra hose dia. 45 mm EN 14540 complete with couplings.
- Low expansion foam nozzle Kugel foam 200 l/' at 7 bar.

## WATER-FOAM HOSE REEL



**DIMENSIONS:**

- 700 X 1600 X 400 mm

**TECHNICAL DATA:**

- 180° swinging bobbin.
- 1" stop valve.
- Light alloy inductor BYPP 100 l/'for a 6% (3% available) metering head with check valve to prevent back flow PVC pick up hose with stainless steel pipe.
- 20 m Pyton semi-rigid hose Ø 25 certified EN 694.
- Low expansion foam nozzle Kugel foam 100 l/' at 7 bar.

**WATER-FOAM HOSE REEL  
"TEXAS FOAM"**

Art.	Description
940	"Texas Foam" 100/25



# FOAM CONCENTRATES



Name	Description	Tested by
Plurex M	Synthetic	EN 1568 / MED
Plurex A	Synthetic	
Apirol FX3	Fluoroprotein FP 3%	EN 1568 / UL
Apirol FX6	Fluoroprotein FP 6%	EN 1568 / UL
Hydral 3 Plus	A.F.F.F. 3% eco grade	EN 1568
Hydral 6 Plus	A.F.F.F. 6% eco grade	EN 1568
Hydral AR 3-3 M	A.F.F.F AR 3% x 3%	EN 1568 /MED / IMO
Hydral AR 3-6 M	A.F.F.F AR 3% x 6%	EN 1568 /MED / IMO
Univex 3-3 M	Fluoroprotein AR 3% x 3%	EN 1568 /MED / IMO
Univex 3-6 Super	Fluoroprotein AR 3% x 6%	EN 1568 /MED / IMO

Available in Cans 25 Kg, in Drums 100-200 Kg, in Toles 1000 Kg.

# FOAM EQUIPMENT



## 1% - 6% ADJUSTABLE ALU FOAM INDUCTORS

Venturi inductors with integrated handle. Adjustable settings between 0% to 6%. Complete with foam pick-up tube.

Art.	Description
9631	200 l/min
9641	400 l/min



## PRE-SET IN LINE INDUCTORS "BYPP"

DIMENSIONS: BYPP 100 - Length 175 mm - Weight 950 g  
 BYPP 200/400 - Length 145 mm - Weight 800 g

Inline Venturi inductors with by-pass. Single percentage metering head (3% and 6% as standard) check ball to prevent back flow into foam concentrate. Complete with foam pick-up tube with stainless steel ferrule.

Art.	Description
957	BYPP 100
958	BYPP 200
959	BYPP 400



## FOAM EDUCTORS FOR NOZZLES BLUEDEVIL, FIRESTAR AND VIPER

Art.	Description
8860	For VIPER model 1"
8861	For VIPER model 1 1/2"
8862	For FIRESTAR model 1"
8863	For FIRESTAR model 1 1/2"
8864	For BLUEDEVIL model 1"
8865	For BLUEDEVIL model 1 1/2"



# FOAM NOZZLES

## FOAM NOZZLE "KUGEL FOAM"



DIMENSIONS: PVB 100 - Length 390 mm - Weight 1310 g  
PVB 200/400 - Length 475 mm - Weight 1525 g

Low expansion foam nozzle lightweight hard-coated extruded aluminum alloy body ergonomically designed. Molded composite shut-off handle and ball valve. Swivel inlet and durable shut-off handle. Alu foaming tube.

Art.	Description
950	Kugel foam 100
951	Kugel foam 200
952	Kugel foam 400



## MEDIUM EXPANSION FOAM NOZZLE

Art.	Description
961	200 l/min
962	400 l/min



## LOW EXPANSION FOAM NOZZLE

Art.	Description
965	200 l/min
966	400 l/min



## LOW EXPANSION FOAM NOZZLE SELF-PRIMING

Art.	Description
955	200 l/min
956	400 l/min

# FIREMEN EQUIPMENT

## BACK-PACK WATER EXTINGUISHER



Thermo-welded flexible water tank, made with canvas reinforced with synthetic yarns with a capacity of 18 liters, central hand and shoulder straps. A two stroke piston pump, made in cromed brass, allows a continuous jet adjustable at nozzle tip.

Art.	Description
743	Back-pack water extinguisher 18 l
Reach	Straight stream > 8 m
	Fog > 3 m



## HOSE BRIDGE

Hose Bridge in rubber ( max 13 tons per axis ) for the crossing of trucks. 4 pieces are required for the passage of a truck.

Art.	Description
7007	In rubber for 2 hoses Ø 3" (each)
7008	In rubber for 2 hoses Ø 4" (each)

## WATER SHIELD

To build up a large water wall, to protect against gases, smoke, flames and to cool objects. In use the unit is firmly pressed to the ground by water pressure. Made in Alu alloy.



Art.	Description
7009	UNI 45
7010	STORZ C
7011	DSP DN 40
7012	UNI 70
7013	STORZ B
7014	DSP DN 65



### VALVE WITH OUTLET ADAPTOR 1"1/2

Art.	Description
8910	Valve 1" ½ with outlet UNI 45 male
8911	Valve 1" ½ with outlet UNI 45 female
8912	Valve 1" ½ with outlet Storz C
8912F	Valve 1" ½ with outlet DSP 40



### BRANCHPIPE HOLDER

For more comfortable handling of branchpipes. Diverts the reaction forces of the water jet through the hose line to the ground. Branchpipe holder can also be coupled in between two hoses if the hose must be estende across sharp edges . Storz B is according DIN 14368.

Art.	Description
7015	UNI 45
7016	STORZ C
7017	UNI 70
7018	STORZ B
7015F	DSP 40
7017F	DSP 65



### HOLE STOPPING DEVICE

Is suggested as emergency repair in case of puncture of a hose to keep the pressure.

Art.	Description
309	DN 38
310	DN 45
311	DN 52
312	DN 70
308	DN 100



### HOSE CARRIER

The hose carrier made of nylon and steel allows an easier transport for a hose from Ø 25 mm to Ø 75 mm.

Art.	Description
318	Hose carrier



### HOSE PRESSURE WASHING

Build in aluminium alloy. It allows the washing of a hose without damaging for abrasion. The crossing of the hose is made easy by the sloping water jets. Working pressure 6 bar (0,6 MPa).

Art.	Description
313	UNI 45
314	STORZ C
313F	DSP 40

### ALU. SYAMESES NOT CLAPPERED (WYES)



Art.	Description
8876	2"½ x 2" x 2"
8877	4" x 2"½ x 2"½
8878	UNI 70 x UNI 45 x UNI 45
8879	UNI 100 x UNI 70 x UNI 70

### ALU. CLAPPERED SYAMESE

Art.	Description
8880	2"½ x 2" x 2"
8881	4" x 2"½ x 2"½
8882	UNI 70 x UNI 45 x UNI 45
8883	UNI 100 x UNI 70 x UNI 70



### ALU. SUCTION STRAINERS WITH NON-RETURN VALVE

Art.	Description
8887	2"
8888	2"½
8889	4"



### BRASS SUCTION STRAINERS WITH NON-RETURN VALVE

Art.	Description
2269	UNI 45 rotating female
2270	UNI 70 rotating female
8890	UNI 100 rotating female
8891	UNI 125 rotating female



### HYDRO-EJECTOR PUMP

Art.	Description
8884	UNI 45 x UNI 70
8885	STORZ C x STORZ B
8886	DSP 40 x DSP 65

# FIRE-FIGHTING EQUIPMENT



## FIRE BLANKET

Art.	Description
760	Fire Blanket 120 x 200 cm
761	Fire Blanket 150 x 200 cm



## HAND AXE WITH LEATHER CASE

Art.	Description
765	Hand axe with leather case



## FIREMEN'S AXE LONG ASH HANDLE

Art.	Description
762	breaking axe with blade and point (g. 2600)
763	single blade axe 90 cm (1500 g.)
764	single blade axe 33 cm (800 g.)



## FIREMAN POSITION BELT

Art.	Description
767	Fireman position belt



## SERVICE ROPE

Art.	Description
768	In polyester Ø 12mm x 20 m medium tenacity
770	In polyester Ø 12mm x 20 m high tenacity



## FOREST FIRE WHIP

Art.	Description
860	Forest fire whip



## FIRE-FIGHTING TEAM BAG

Art.	Description
867	Fire-fighting team bag



## FOLDING SHOVEL

Art.	Description
772	Folding shovel



### FOREST FIRE WHIP

Art.	Description
861	Fire whip handle length 100 cm



### HELMET

Suitable for forest fire fighting – EN 397, EN443, EN 166

Art.	Description
868	Helmet



### GLASSES AGAINST SMOKE

For fire-fighting team - EN 166.

Art.	Description
866	Glasses against smoke



### BOOTS FOR FOREST FIRE FIGHTING

Art.	Description
869	Boots for forest fire fighting



### GLOVES

Double textile coat Kratos II.

Art.	Description
766	Gloves

### COTTON FIRE-PROOF COVERALLS

Red color with brass zip fastening CE/89/686.

Art.	Description
873	Cotton fire-proof coveralls

### COTTON FIRE-PROOF COVERALLS

Red color with reflective bands. EN ISO 11612 CE/89/686.

Art.	Description
871	Cotton fire-proof coveralls EN 11612

### FIRE PROOF JACKETS

Orange color with reflective bands.

Art.	Description
870	Fire-proof jackets



# FIRE EXTINGUISHER CABINETS

## FIRE EXTINGUISHER COLUMNS

Art.	Description	Dimensions
8023	Fire extinguisher column	320 x 750
8024	Fire extinguisher column with rod and signal	320 x 1920
8032	Fire extinguisher column PK5 black	300 x 1030
8034	Fire extinguisher column PK5 black with rod and signal	300 x 2000



8024



8023



8032

8034

## type TEXAS®

### TEXAS® FIRE EXTINGUISHER CABINETS WITH SEAL

Cabinet frame made of 7/10 mm thick galvanized steel painted with epoxy-polyester powder coating 70 µm thick (ISO 9227). Transparent window to check manometer. Supplied with numbered security seals.



Art.	Description	Dimensions
664	Fire extinguisher cabinet 6 kg	585 X 673 X 200
676	Fire extinguisher cabinet 6 kg recess	310 X 645 X 215
666	Fire extinguisher cabinet 12 kg	340 X 775 X 235
678	Fire extinguisher cabinet 5 kg CO2	330 X 830 X 170
713	Column	H 800 mm
944	Double Fire extinguisher cabinet	550 X 650 X 265

### TEXAS® FIRE EXTINGUISHER CABINETS WITH KEY

Cabinet frame made of 7/10 mm thick galvanized steel painted with epoxy-polyester powder coating 70 µm thick (ISO 9227). Transparent window to check manometer. Supplied with lock and n° 2 keys.



713



Art.	Description	Dimensions
665	Fire extinguisher cabinet 6 kg	310 X 645 X 215
677	Fire extinguisher cabinet 6 kg recess	310 X 645 X 215
667	Fire extinguisher cabinet 12 kg	340 X 775 X 235
679	Fire extinguisher cabinet 5 kg CO2	330 X 830 X 170
713	Column	H 800 mm





Leon fire extinguisher cabinets are made in polypropylene stabilized for U.V. and are designed to have a long aging resistance suitable for mounting outdoors or in marine environment. Protection base for extinguishers, with foldable doors and sealable looks. 40 mm industrial strap with nylon fast-opening fastener. They are provided of gaskets to grant a better insulation from atmospheric agents.



	Dimensions	Internal H
P6	316 X 641 X 225 mm	530 mm
P9 - P12	316 X 735 X 225 mm	630 mm
CO2 5 Kg	316 X 845 X 225 mm	735 mm

## LEON® FIRE EXTINGUISHER CABINET

Art.	Description
2415	P6
2416	P12
2417	CO2

## LEON® FIRE EXTINGUISHER CABINET WITH TRANSPARENT COVER

Art.	Description
2418	P6
2419	P12
2420	CO2



## LEON® DUO FIRE EXTINGUISHER CABINET

	Dimensions	Internal H
DUO	610 X 800 X 270 mm	670 mm
Art.	Description	
2421	DUO	



## COLUMN FOR LEON® CABINETS

Column in aluminum matt silver with 20 µm anodized protection coat. Base of cast aluminum in 2341 stainless alloy. Available on request signal labels.



Dimensions	H 2100 mm - BASE 298 X 300 mm
Art.	Description
2422	Column for LEON cabinet

# DEFIBRILLATOR CABINET



## Type TORTUGA

Cabinet built in linear polyethylene LLPDE pressed in one piece without junctions, insertions and trimming of the material. . The cabinet is made of 100% recyclable materials. Complete with a shelf to allocate accessories. The opening is easy and immediate. Personalized xerography on request.

Art.	Description
7452	Green defibrillator cabinet
7451	White defibrillator cabinet
2429	Column for defibrillator cabinet



## Type NICE

Cabinet built in galvanized steel with vertical opening. Predisposed to insert an acoustic alarm.

Dimensions: 320 x 270 x 165 mm

Art.	Description
773	White defibrillator cabinet



## Type LEON®

Cabinet built in linear polyethylene colored green.

Defibrillator adhesive signal

Dimensions: 585 x 673 x 200 mm

Art.	Description
2428	Green defibrillator cabinet LEON®
2429	Column for defibrillator cabinet LEON®
811	Signal for defibrillator cabinet

# NAVAL EQUIPMENT MED APPROVED

## CABINETS FOR NAVAL PURPOSE



Cabinet built in linear polyethylene colored red Ral 3000 Suitable to contain fire hoses up to Ø 3" and a nozzle. Available internal shelf.

Dimensions: 510 x 550 x 190 mm

Art.	Description
2426	NAVY 45-70
2427	NAVY 45-70 with internal shelf
2422	Aluminium column for NAVY

## HOSE REELS FOR NAVAL PURPOSE MED 0497



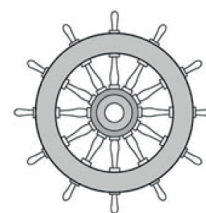
Hose reels SAPIN are MED certified and can be used on board. In order to choose the suitable model see pag. 27 and 32



TORTUGA® ML



FLORIDA® INOX  
surface mounting  
with solid sheet



# MED APPROVED NOZZLES



Fire-fighting nozzle MED 0497 certified conform to EN 15182-1 and 2.



## BLUE DEVIL NOZZLE TYPE BD 3012

- Flows: 115-230-360-475 mm a 7 bar
- Inlet: 1 1/2 swivel
- Max working pressure: 16 bar



Art.	Description
8833	BLUEDEVIL 3012 MED

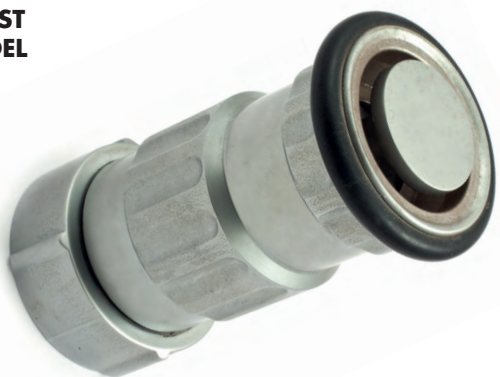


## GOLD

Art.	Description
4258	UNI 45 - 12 mm
4259	2" - 12 mm
4253	UNI 45 - 13 mm
4257	2" - 13 mm
8831	2" - 16 mm
8832	2" - 19 mm

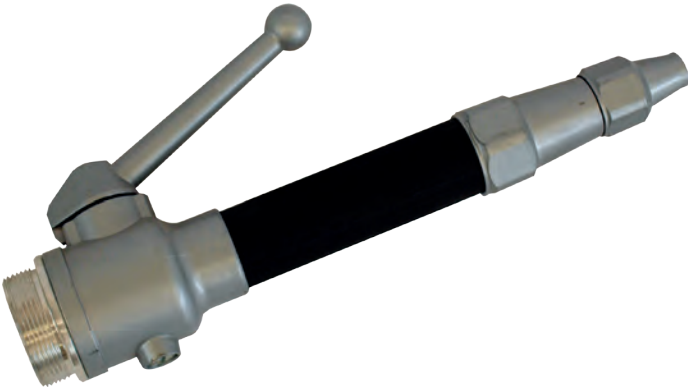


AVAILABLE ON REQUEST CHROME-PLATED MODEL



# MED APPROVED NOZZLES

Fire-fighting nozzle MED 0497 certified conform to EN 15182-1 and 3.

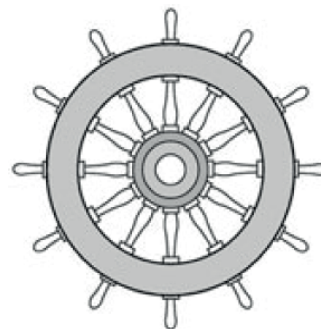
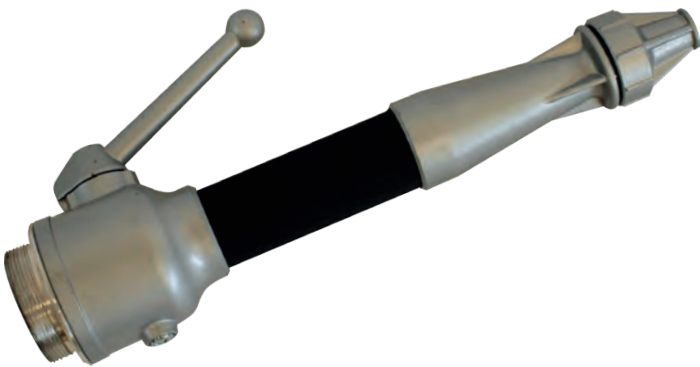


## JET-SPRAY BRANCHPIPES MED 2"

Art.	Description
4250	MED UNI 45 - 12 mm
4254	MED 2" - 12 mm
4251	MED UNI 45 (2'') - 19 mm
4255	MED 2" - 19 mm

## JET-SPRAY BRANCHPIPES MED 2 1/2"

Art.	Description
4252	MED UNI 70 - 16 mm
4256	MED 2 1/2" - 16 mm

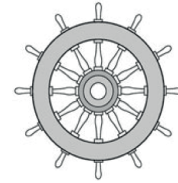


# ELIO SAPIN MED



ELIO SAPIN MED fire hose consists of a circular woven jacket made of high strength polyester with a waterproofing substrate of elastomeric compound.

ELIO SAPIN MED hose is certified MED-0497



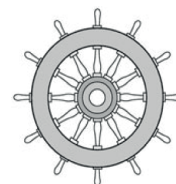
Warp	High tenacity polyester						
Weft	High tenacity polyester						
Inner lining	Synthetic						
Internal diameter	mm	25	38	45	52	63	70
Change in length at 1,2 MPa	%	+5 / -0					
Change in diameter at 1,2 MPa	%	+5 / -0					
Abrasion resistance (EN 15899:2011)	more than 100 turns						
Burst pressure	MPa	5,0					
Working pressure	MPa	1,8					
Temperature resistance (EN 15899:2011)	°C	+200					

# ELIO SAPIN MED RED

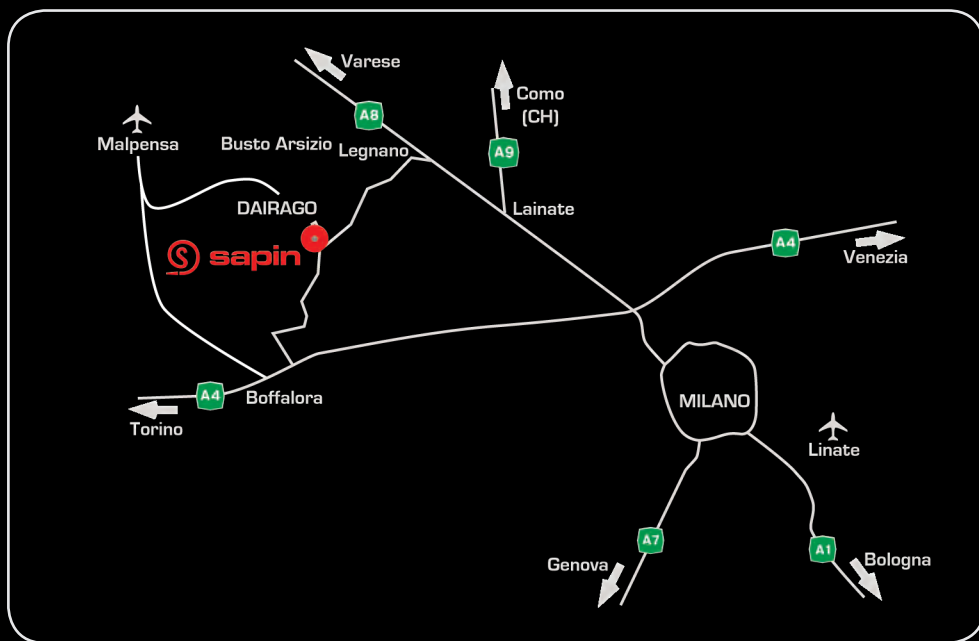


Fire hose has the same characteristics of the ELIO SAPIN MED hose with an extra outer coating of red nitrile resin to increase the resistance to abrasion.

ELIO SAPIN MED hose is certified MED-0497







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