



# FIRE ACCESSORIES



## Extinguisher Valve



### SNG03-01

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
M30x1.5	M16x1.5	NPT1/8 x 27	M16x1.5



### SNG03-02

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
7/8 x 14 NF	M10x1.5	NPT1/8 x 27	M10x1.5



### SNG03-03

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
M30x1.5	M14x1.5	NPT1/8 x 27	M14x1.5



### SNG03-04

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
M22x1.5	M10x1.5	NPT1/8 x 27	M14x1.5



## SNG03-05

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
M30x1.5	M14x1.5	NPT1/8 x 27	M14x1.25



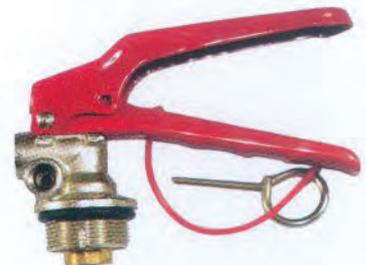
## SNG03-06

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
M22x1.25	M10x1.5	NPT1/8 x 27	M14x1.5



## SNG03-07

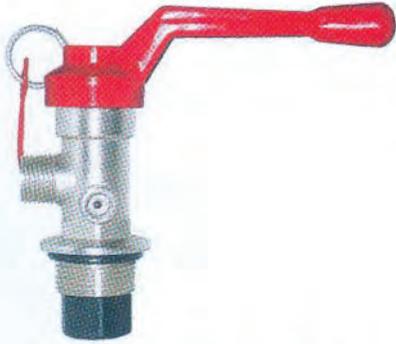
Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
M30x1.5	M14x1.5	NPT1/8 x 27	M14x1.5



## SNG03-08

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
1 1/4 - 12UNF	5/8 - 18UNF	NPT1/8X27	φ 16





### SNG03-09

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
G1	G1/2	NPT <sup>1</sup> / <sub>8</sub> x 27	G1/2



### SNG03-10

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
2"	<sup>3</sup> / <sub>4</sub> " BSP	NPT <sup>1</sup> / <sub>8</sub> x 27	<sup>3</sup> / <sub>4</sub> " BSP



### SNG03-11

Inlet Thread	Outlet Thread	Gauge Connection Thread	Dip Tube Thread
M52x2	M27x1.5	NPT <sup>1</sup> / <sub>8</sub> x 27	M27x1.5



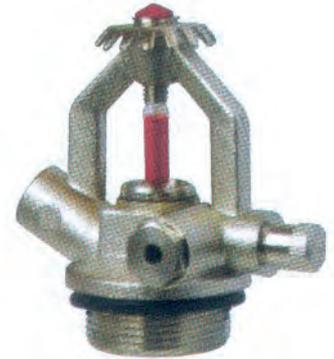
### SNG03-12

Inlet Thread	Temperature	Gauge Connection Thread	Check Valve
M30x1.5	68°C	NPT <sup>1</sup> / <sub>8</sub> x 27	Cone Plug



## SNG03-13

Inlet Thread	Gauge Connection Thread	Temperature	Check Valve
M30x1.5	NPT <sup>1</sup> / <sub>8</sub> x 27	68°C	Yes



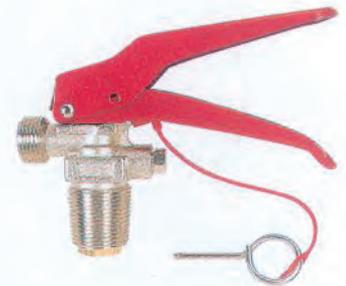
## SNG03-14

Inlet Thread	Outlet Thread	Diptube Thread	Release Pressure Bar
NPT 3/4"	NPT 1/4"	M10 x 1	200 ± 10bar



## SNG03-15

Inlet Thread	Outlet Thread	Dip Tube Thread	Release Pressure
W27.8 x 14	W21.8 x 14	M10 x 1	200 ± 20bar



## SNG03-16

Neck Thread	Outlet Thread	Dip Tube Thread	Pressure Release Valve
W27.8 x 14	Φ21.8 x 14	M10 x 1	210 ± 15bar





## Safety Seal & Safety Pin



SNG04-01



SNG04-02

## Diptube



SNG04-03

## Neck Ring



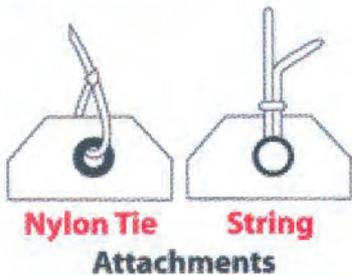
SNG04-05

## Safety Belt



SNG04-06

## Inspection Tag



**Nylon Tie**      **String**  
**Attachments**

FIRE EXTINGUISHER				
INSPECTION RECORD				
EXTINGUISHER NO.				
2010	2011	2012	2013	
	JAN			
	FEB			
	MAR			
	APRIL			
	MAY			
	JUNE			
	JULY			
	AUG.			
	SEPT			
	OCT.			
	NOV.			
	DEC.			

Plastic

SNG04-07

FIRE EXTINGUISHER				
INSPECTION RECORD				
EXTINGUISHER NO.				
'11	'12	'13	'14	
	JAN			
	FEB			
	MAR			
	APRIL			
	MAY			
	JUNE			
	JULY			
	AUG.			
	SEPT			
	OCT			
	NOV			
	DEC.			

Aluminium

SNG04-08



## Fire Extinguisher Gauge



SNG04-09



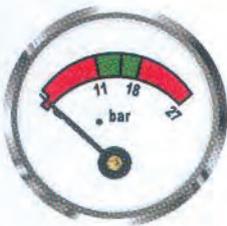
SNG04-10



SNG04-11



SNG04-12



SNG04-13



SNG04-14



SNG04-15



SNG04-16



SNG04-17



SNG04-18



SNG04-19



SNG04-20



## Hose & Horn



SNG05-01/02



SNG05-03



SNG05-04



SNG05-05



SNG05-06



SNG05-07

## Bracket



SNG06-01



SNG06-02



SNG06-03



SNG06-04



SNG06-05



SNG06-06



SNG06-07



SNG06-08/09



## Hydrant

This hydrant is easy to open by one hand to supply the water while pressure on pipe keeps at 1.0Mpa. A pressure regulator Valve makes the fire hose connection easy.

Size (mm)	Nominal Pressure (Mpa)	Outlet	Inlet	Pressure Reducing Valve	Pressure Regulator	Rang of Regulator (Mpa)
DN100	1.6	KWS65*2	M125*6	Yes	Yes	0.3 – 1.0
1N150	1.6	KWS65*2 KWS80*2	M125*6 orM179*6	Yes	Yes	0.3 – 1.0

SNG07-01



SNG07-02



SNG07-03



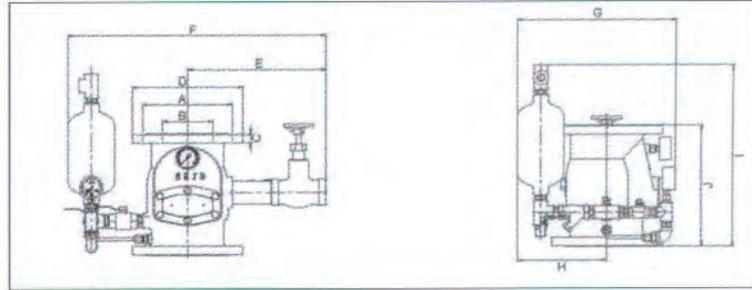
SNG07-04



## Water Alarm Valve

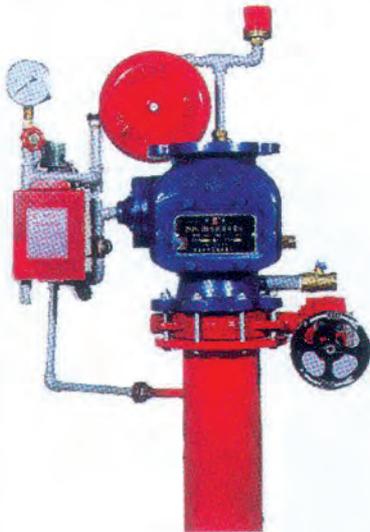


SNG07-05

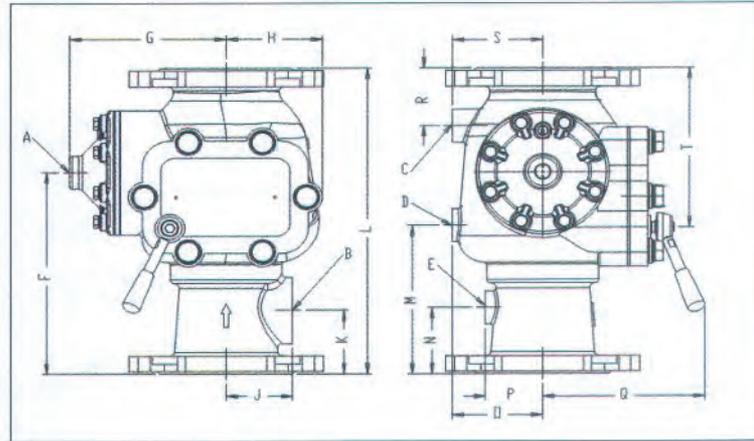


Model	Rated Operation Pressure (Bar)	Flange Dimension (mm)					Wight (kg)
		Number of Holes-Dia. Of Holes	The Distance of Screw Hole Center A	Outside Dia. of Flange D	Inside Dia. B	Flange Thickness C	
4"	16	8- $\varnothing$ 18	180	220	102	20	38
6"	16	8- $\varnothing$ 23	240	280	156	22	48
8"	16	8- $\varnothing$ 23	295	340	203	27	60

## Deluge Alarm Valve



SNG07-06



Model	Normal Diameter (mm)	Max. Rated Working Pressure (Mpa)	Valve Height (mm)	Outside Diameter of Flange (mm)	Inside Diameter of Flange Screw Hole ( $\varnothing$ B)	Qty. and of Sc Hole (n x A)
4"	100	1.2	346	215	180	8 x $\varnothing$ 1
6"	150	1.2	366	280	240	8 x $\varnothing$ 2
8"	200	1.2	480	335	295	12 x $\varnothing$ 2



## Glass Bulb Sprinkler



SNG07-07



SNG07-08

Model	Temperature Rating	Glass Bulb Color	Thread Size	Max Service Pressure	K Factor	Glass Bulb Diameter (mm)	Glass Bulb Brand
Pendent Standard Response	155°F/68°C	Red	NPT1/2 or R1/2	175psi (12bar)	5.6 (80)	∅ 5	JOB
	175°F/79°C	Yellow					
	200°F/93°C	Green					



SNG07-09



SNG07-10

Upright Standard Response	155°F/68°C	Red	NPT1/2 or R1/2	175psi (12bar)	5.6 (80)	∅ 5	JOB
	175°F/79°C	Yellow					
	200°F/93°C	Green					

Sidewall Standard Response	155°F/68°C	Red	NPT1/2 or R1/2	175psi (12bar)	5.6 (80)	∅ 5	JOB
	175°F/79°C	Yellow					
	200°F/93°C	Green					

Pendent Quick Response	155°F/68°C	Red	NPT1/2 or R1/2	175psi (12bar)	5.6 (80)	∅ 3	JOB
	175°F/79°C	Yellow					
	200°F/93°C	Green					



SNG07-11



SNG07-12

Upright Quick Response	155°F/68°C	Red	NPT1/2 or R1/2	175psi (12bar)	5.6 (80)	∅ 3	JOB
	175°F/79°C	Yellow					
	200°F/93°C	Green					

Sidewall Quick Response	155°F/68°C	Red	NPT1/2 or R1/2	175psi (12bar)	5.6 (80)	∅ 3	JOB
	175°F/79°C	Yellow					
	200°F/93°C	Green					



SNG07-13



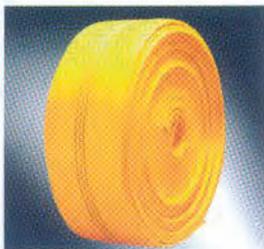
SNG07-14



SNG07-15



SNG07-16



## Single Jacket Fire Hose

I.D. (Inch/mm)		Working Pressure (Bar/Psi)		Test Pressure (Bar/Psi)		Burst Pressure (Bar/Psi)	
Inch	MM	Bar	Psi	Bar	Psi	Bar	Psi
1-1/2"	38	10/14/16/21	150/200/250/300	20/28/32/42	300/400/500/600	30/42/48/63	450/600/750/900
1-3/4"	45	10/14/16/21	150/200/250/300	20/28/32/42	300/400/500/600	30/42/48/63	450/600/750/900
2"	52	10/14/16/21	150/200/250/300	20/28/32/42	300/400/500/600	30/42/48/63	450/600/750/900
2-1/2"	64	10/14/16/21	150/200/250/300	20/28/32/42	300/400/500/600	30/42/48/63	450/600/750/900
3"	75	10/14/16	150/200/250	20/28/32	300/400/500	30/42/48	450/600/750
4"	100	10/14	150/200	28	400	42	600



SNG08-01

### EPDM Rubber Lining

Jacket: 100% high tensile strength virgin polyester filament yarns, both warp and filler  
Liner: High grade EPDM liner.

#### Features:

1. Excellent resistance to sea water, UV and ozone, as well as most chemical and petrol products.
2. Cold flexible, suitable also for hot water.
3. Long life, available in different colors.



SNG08-02

### Natural Rubber Lining

Jacket: 100% high tensile strength virgin polyester filament yarns, both warp and filler  
Liner: Natural rubber liner.

#### Features:

1. Smooth rubber liner ensures the minimum friction for maximum flow.
2. Easy roll, different color available



SNG08-03

### PU Lining

Jacket: 100% high tensile strength virgin polyester filament yarns, both warp and filler  
Liner: PU Liner

#### Features:

1. Ultralight, approximately half weight compare with standard rubber lining hose.
2. Highly resistant to ozone, abrasion, oil and grease.
3. Outstanding on low temperature performance.
4. High tear strength, high transparence.
5. The liner is amazingly thin and smooth, thus maximum flow and low down the loss on friction.
6. Very easy roll, no need dry after use.



## Double Jacket Fire Hose

Double jacket fire hose includes a second closely woven jacket for extra durability, safety factor and higher test pressures. The jacket is evenly and firmly woven, and free from visible defects, thread knots, lumps and irregularities of twist.

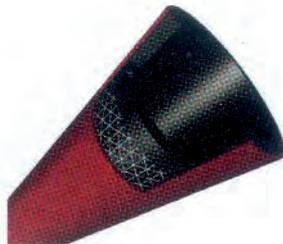
**Jacket: Polyester**

**Liner: EPDM or Rubber Liner SNG08-04**



I. D. (Inch/mm)		Working Pressure (Bar/Psi)		Test Pressure (Bar/Psi)		Burst Pressure (Bar/Psi)	
Inch	MM	Bar	Psi	Bar	Psi	Bar	Psi
1-1/2"	38	16/21/28	250/300/400	32/42/56	500/600/800	48/63/84	750/900/1200
2"	52	16/21/28	250/300/400	32/42/56	500/600/800	48/63/84	750/900/1200
2-1/2"	64	16/21/28	250/300/400	32/42/56	500/600/800	48/63/84	750/900/1200
3"	75	16/21	250/300	32/42	500/600	48/63	750/900

## Semi-rigid Hose EN-694



SNG08-05

This Semi-rigid hose is used as part of a hose reel system typically (but not exclusively) red in colour, round in section. The purpose of this type of hose is to provide a steady flow of water quickly as a first response in a fire situation, without having to set up length of hose from another source. The semi-rigid construction helps to prevent kinks which would restrict supply. It is durable and operates in a fairly



SNG08-06

The Semi-rigid hose is made of 100% high strength polyester jacket combine with nylon, and lining with EPDM or TPU. It is light weight, flexible and long service life. It can be used at construction sites, agriculture, industrial water hose, popular used as reel hose in fire hose cabinet.



## Durable Fire Hose



I.D. (Inch/mm)		Working Pressure (Bar/Psi)		Test Pressure (Bar/Psi)		Burst Pressure (Bar/Psi)	
Inch	MM	Bar	Psi	Bar	Psi	Bar	Psi
1"	25	14/16/21/28	200/250/300/400	28/32/42/56	400/500/600/800	42/48/63/84	600/750/900/1200
1-1/2"	38	14/16/21	200/250/300	28/32/42	400/500/600	42/48/63	600/750/900
1-3/4"	45	14/16/21	200/250/300	28/32/42	400/500/600	42/48/63	600/750/900
2"	52	14/16/21	200/250/300	28/32/42	400/500/600	42/48/63	600/750/900
2-1/2"	64	14/16/21	200/250/300	28/32/42	400/500/600	42/48/63	600/750/900
3"	75	14/16	200/250	28/32	400/500	42/48	600/750
4"	100	14	200	28	400	42	600
5"	125	10	150	10	300	30	450
6"	150	10	150	10	300	30	450
8"	200	10	150	10	300	30	450

Durable hose is a 3 PLY polyurethane-covered and Nitrile/EPDM lined or PVC lined fire hose with both the cover and liner extruded independently and double vulcanized along with high tensile strength polyester reinforcement for maximum durability and flexibility.

### FEATURE

1. The hose is resistant to ozone, oxidation, heat, acids, high temperature, alkalis and most chemicals & petroleum products, etc.
2. Excellent on abrasion UV RY resistance. thus bring the fire hose long life.
3. Hose remains flexible to temperatures from -30°C up to +80°C
4. Easy rolling, Maintaining free. No need to dry after use.
5. Available in different length.
6. Available in different color.



### CONSTRUCTION



— Nitrile Rubber Liner  
— Polyester or Nylon Inner Jacket  
— Nitrile Rubber Cover

First Layer: Nitrile Rubber Linner  
Second Layer: High strength polyester or nylon  
Third Layer: Nitrile Rubber Jacket

SNG08-07



— P.V.C. Liner  
— Polyester or Nylon Inner Jacket  
— P.C.V. Cover

First Layer: PVC  
Second Layer: High strength polyester or nylon  
Third Layer: PVC

SNG08-08



— E.P.M./N.R./P.V.C. Liner  
— Polyester or Nylon Inner Jacket  
— P.U. Cover

First Layer: EPDM  
Second Layer: High strength polyester or nylon  
Third Layer: EPDM Jacket

SNG08-09



## Hose Valve



**SNG11-01**

SIZE

1 1/2" F(NPT) X M(NST)



**SNG11-02**

SIZE

1 1/2" F(NPT) X F(NPT)



**SNG11-03**

SIZE

2 1/2" F(NPT) X M(NST)



**SNG11-04**

SIZE

2 1/2" NPT X 2 1/2" NPT



**SNG11-05**

SIZE

1 1/2" F(NPT) X M(NST)



**SNG11-06**

SIZE

1 1/2" F(NPT) X F(NPT)



**SNG11-07**

SIZE

2 1/2" F(NPT) X M(NST)



**SNG11-08**

SIZE

2 1/2" F(NPT) X F(NPT)



## Hose Valve



**SNG11-09**

SIZE

2 1/2 " (BSP) X 2 1/2 " (STORZ)



**SNG11-10**

SIZE

2 " (BSP) X 2 " (STORZ)



**SNG11-11**

SIZE

2 1/2 " (BSP) X 2 1/2 " (BSP)



**SNG11-12**

SIZE

2 " (BSP) X 2 " (BSP)  
2 1/2 " (BSP) X 2 1/2 " (BSP)



**SNG11-13**

SIZE

1 1/2 " (BSP) X (BSP)



**SNG11-14**

SIZE

1 " (BSP) X 1 " (BSP)  
1 1/2 " (BSP) X 1 1/2 " (BSP)



**SNG11-15**

SIZE

2 " (BSP) X UNI45



**SNG11-16**

SIZE

2 " (BSP) X 2 " (BSP)



## Hose Valve



**SNG11-17**

SIZE  
2" (BSP) X UIN70



**SNG11-18**

SIZE  
2" (BSP) X UIN70



**SNG11-19**

SIZE  
2" (BSP) X 2" (BSP)



**SNG11-20**

SIZE  
2 1/2" (BSP) X 2 1/2" (BSP)



**SNG11-21**

SIZE  
1 1/2" PT  
2 1/2" PT



**SNG11-22**

SIZE  
1 1/2" PT X Ø33



**SNG11-23**

SIZE  
3" (BSP) X 2 1/2" (BS336)



**SNG11-24**

SIZE  
3(BSP) X 2 1/2" (BS336)



## Hose Valve



**SNG11-25**

SIZE

5 " X 2 " STORZ



**SNG11-26**

SIZE

5 " X BS336



**SNG11-27**

SIZE

2 " (BSP) X 1 " (NST)



**SNG11-28**

SIZE

2 " (BSP) X 2 " (BSP)



**SNG11-29**

SIZE

3 "



**SNG11-30**

SIZE

2 1/2 " X 1 1/2 " X 1 1/2 "



**SNG11-31**

SIZE

2 1/2 " X 1 1/2 " X 1 1/2 "



**SNG11-32**

SIZE

4 " X 2 1/2 " X 2 1/2 "



## Hose Valve



**SNG11-33**

SIZE

UN70 X UNI45



**SNG11-34**

SIZE

UN70 X UNI45



**SNG11-35**

SIZE

2" X 2 1/2" X 2 1/2"



**SNG11-36**

SIZE

2" X 1 1/2" X 1 1/2"



**SNG11-37**

SIZE

4" X 2 1/2" X 2 1/2"



**SNG11-38**

SIZE

4" X 2 1/2" X 2 1/2"



**SNG11-39**

SIZE

4" X 2 1/2" X 2 1/2"



**SNG11-40**

SIZE

2" X 1 1/2" X 1 1/2"



## Hose Coupling



**SNG10-01**

SIZE

SJ 1 1/2 "

SJ 2 "

SJ 2 1/2 "



**SNG10-02**

SIZE

DJ 1 1/2 "

DJ 2 "

DJ 2 1/2 "



**SNG10-03**

SIZE

DJ 1 1/2 "



**SNG10-04**

SIZE

SS 1 1/2 "

DJ



**SNG10-05**

SIZE

SJ / DJ 1 1/2 "

SJ / DJ 2 1/2 "



**SNG10-06**

SIZE

SJ / DJ 1 1/2 "

SJ / DJ 2 1/2 "



**SNG10-07**

SIZE

1 1/2 "

2 1/2 "



**SNG10-08**

SIZE

1 1/2 "

2 1/2 "



## Hose Coupling



**SNG10-09**

SIZE

1 " 2 " 4 "  
1 1/2 " 2 1/2 "  
1 3/4 " 3 "



**SNG10-10**

SIZE

1 1/2 "  
2 "  
2 1/2 "



**SNG10-11**

SIZE

2 1/2 " X 2 1/2 "  
2 1/2 " X 2 "  
2 1/2 " X 1 1/2 "



**SNG10-12**

SIZE

2 1/2 " X 2 1/2 "  
2 1/2 " X 2 "  
2 1/2 " X 1 1/2 "



**SNG10-13**

SIZE

1 1/2 "



**SNG10-14**

SIZE

UNI45  
UNI70



**SNG10-15**

SIZE

1 1/2 "  
2 "  
2 1/2 "



**SNG10-16**

SIZE

UNI125



## Hose Coupling



**SNG10-17**

SIZE

1 1/2 "

2 "

2 1/2 "



**SNG10-18**

SIZE

1 1/2 "

2 "

2 1/2 "



**SNG10-19**

SIZE

1 1/2 " F(NST) X F(NST)

2 1/2 " F(NST) X F(NST)



**SNG10-20**

SIZE

1 1/2 " F X F

2 " F X F

2 1/2 " F X F



**SNG10-21**

SIZE

2 1/2 " F(NST) X 1 1/2 " M(NST)



**SNG10-22**

SIZE

1 1/2 " NST X 1 1/2 " NPT

2 1/2 " NST X 2 1/2 " NPT



**SNG10-23**

SIZE

1 1/2 " NPT X 1 1/2 " NST



**SNG10-24**

SIZE

1 1/2 "

2 1/2 "



## Hose Coupling



**SNG10-25**

SIZE

1 1/2 "

2 1/2 "



**SNG10-26**

SIZE

1 1/2 "

2 1/2 "



**SNG10-27**

SIZE

1 1/2 "

2 "

2 1/2 "



**SNG10-28**

SIZE

1 1/2 "

2 "

2 1/2 "



**SNG10-29**

SIZE

2 1/2 " NST



**SNG10-30**

SIZE

1 1/2 "

2 1/2 "



**SNG10-31**

SIZE

1 1/2 "

2 1/2 "

NST, NPSH, BSP



**SNG10-32**

SIZE

2 1/2 "



## Fire Nozzle



**SNG09-10**

SIZE

1 "   
3/4 "



**SNG09-12**

SIZE

1 "   
3/4 "



**SNG09-13**

SIZE

1 "   
1 1/2 "   
2 "



**SNG09-14**

SIZE

1 1/2 "   
2 1/2 "



**SNG09-15**

SIZE

1 1/2 "   
2 1/2 "



**SNG09-16**

SIZE

1 1/2 "   
2 "   
2 1/2 "



**SNG09-17**

SIZE

1 1/2 "   
2 "   
2 1/2 "



**SNG09-18**

SIZE

1 1/2 "   
2 "   
2 1/2 "



## File Hose



**SNG09-19**

SIZE

3/4 "

1 "



**SNG09-20**

SIZE

1 1/2 "

2 1/2 "



**SNG09-21**

SIZE

1 1/2 "



**SNG09-22**

SIZE

2 1/2 "



**SNG09-23**

SIZE

1.5BSP

M56 X 4



**SNG09-24**

SIZE

1 1/2 "

2 "

2 1/2 "



**SNG09-25**

SIZE

1 1/2 "

2 "

2 1/2 "



**SNG09-26**

SIZE

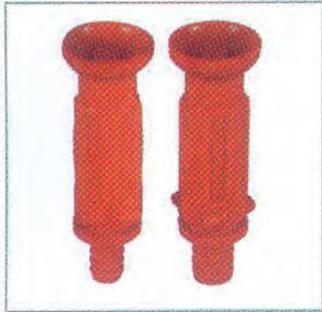
1 1/2 "

2 "

2 1/2 "



## Fire Nozzle



**SNG09-01**

SIZE

3/4"

1"



**SNG09-02**

SIZE

3/4"

1"



**SNG09-03**

SIZE

1"



**SNG09-04**

SIZE

1"



**SNG09-05**

SIZE

3/4"

1"



**SNG09-06**

SIZE

3/4"

1"



**SNG09-07**

SIZE

M56 X 4

1/2" BSP

1/2" NST



**SNG09-08**

SIZE

1" BSP

1/2" NST

1/2" NPSH



## File Cabinet



**SNG12-01**

SIZE

65 X 65 X 16cm

76 X 76 X 24cm

75 X 75 X 28cm



**SNG12-02**

SIZE

70 X 70 X 22cm

76 X 76 X 24cm

80 X 80 X 24cm



**SNG12-03**

SIZE

70 X 25 X 23cm

76 X 20 X 23cm

86 X 28 X 26cm



**SNG12-04**

SIZE

67 X 30 X 23cm



**SNG12-05**

SIZE

39 X 39 X 26cm

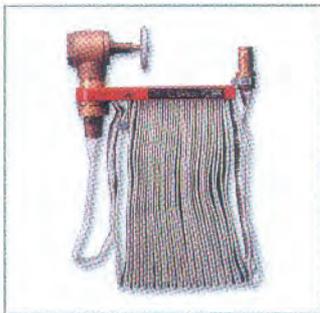


**SNG12-06**

SIZE

60 X 31 X 20cm

67 X 34 X 20cm



**SNG12-07**

SIZE

1 1/2 " X 30M



**SNG12-08**

SIZE

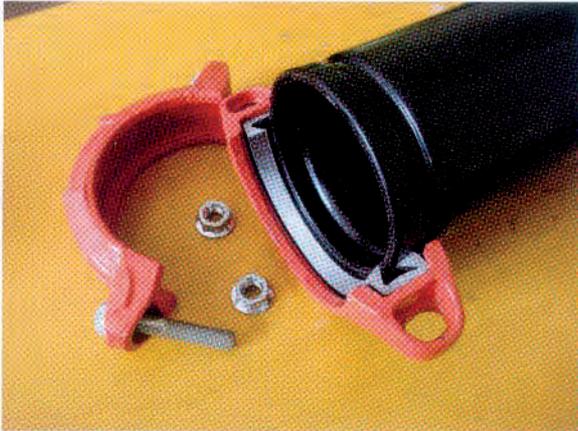
1 1/2 "

2 1/2 "



# TWINBRIDGE®

## Grooved Pipe UL/FM SCH 10, SCH 40



## Pipe Hanger UL/FM



## Grooved Pipe Tools



Threading & Grooving Machine

Hole Cutting Tools



## Grooved Coupling



SNG14-01



SNG14-02



SNG14-03



SNG14-04



SNG14-05



SNG14-06



SNG14-07



SNG14-08



SNG14-09



SNG14-10



SNG14-11



SNG14-12



SNG14-13



SNG14-14



SNG14-15



SNG15-01

## Conventional Fire Alarm Control Panel

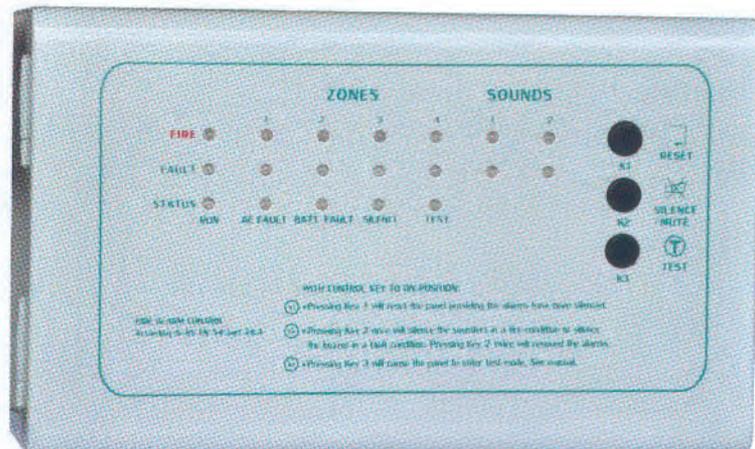
Option: 4 zone, 8 zone, 16 zone.

2 Sound Output Conventional Fire Alarm Control Panel.  
 Sixteen Style B (Class B) Initiating Device Circuits (IDCs).  
 All zones accept two-wire smoke detectors and any normally-open contact devices.  
 Four built-in, Style Y (Class B) Notification Appliance (Signal) Circuits (NACs).  
 Alarm, Trouble and Supervisory, Form-C relay standard.  
 24-volt operation.  
 Resettable four-wire smoke detector power @ 500mA.  
 Non-resettable power @ 500mA.  
 One-man walk-test programmable for silent or audible test.  
 Disable/Enable control per IDC  
 Reverse polarity protection.

## Mini Fire Control Panel

Option: 2 zone, 4 zone.

The panels are microprocessor controlled and are available with 2 to 4 sense zones (detector zones) dependent on the model. The panels have 2 alarm zones (bell zones), a class change input, non-latching facility, a permanent 28V fused supply, a 28V supply energised on fire, one set of volt free changeover contacts which operate on fault, and two sets of volt free changeover contacts which operate on fire.



SNG15-02



## **SNG15-03**

SIZE

Standalone Smoke Detector  
Photoelectric & Ionic



## **SNG15-04**

SIZE

Standalone Smoke Detector  
Photoelectric



## **SNG15-05**

SIZE

Standalone Smoke Detector  
Hush Button  
Dual Voltage Input



## **SNG15-06**

SIZE

Standalone Smoke Detector  
Wired Inter Connects  
Hush Button & Wired Inter Connects



## **SNG15-07**

SIZE

Heat Smoke Detector  
Two Wire  
Four Wire



## **SNG15-07**

SIZE

Smoke Detector  
Photoelectric  
Two Wire  
Four Wire



## **SNG15-09**

SIZE

Wireless Smoke Detector  
Photoelectric or Ionic



## **SNG15-10**

SIZE

Smoke & Heat Detector  
9V Battery  
Wired Interconnects



SNG16-01



SNG16-02



SNG16-03



SNG16-04



SNG16-05



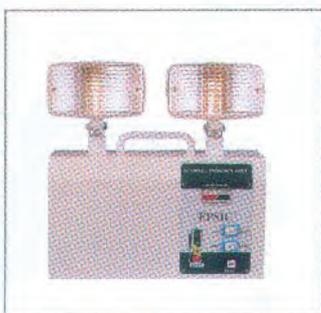
SNG16-06



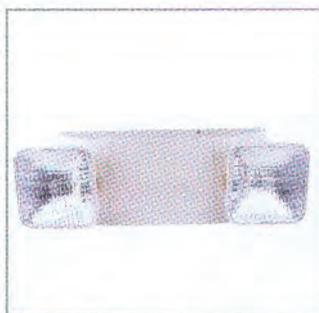
SNG16-07



SNG16-08



SNG16-09



SNG16-10



SNG16-11



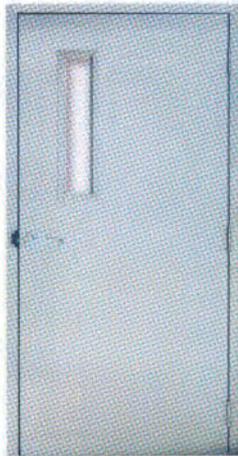
SNG16-12



## Fire Door



SNG21-01



SNG21-02



SNG21-03



SNG21-04



SNG21-05



SNG21-06



SNG21-07



SNG21-08



SNG21-09



SNG21-10



SNG21-11



SNG21-12



SNG21-13



SNG21-14



SNG21-15



SNG21-16



# TWINBRIDGE®

## Powder Fire Extinguisher Automatic Production Line (Capacity: 6pc/min)

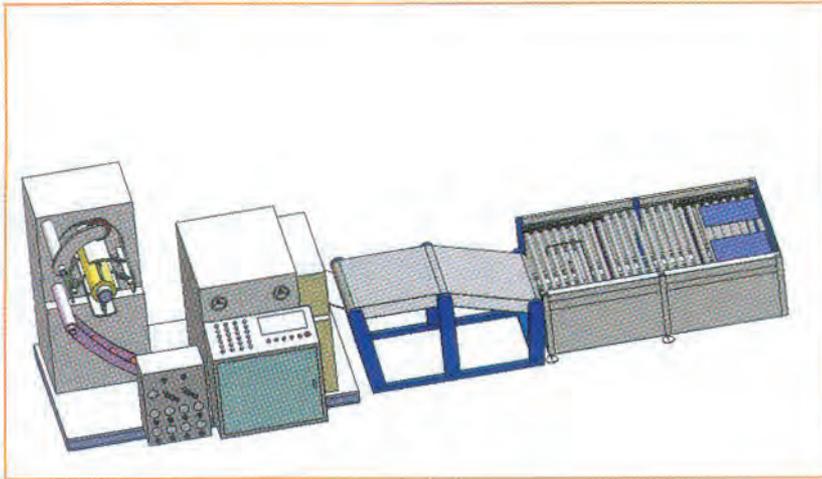
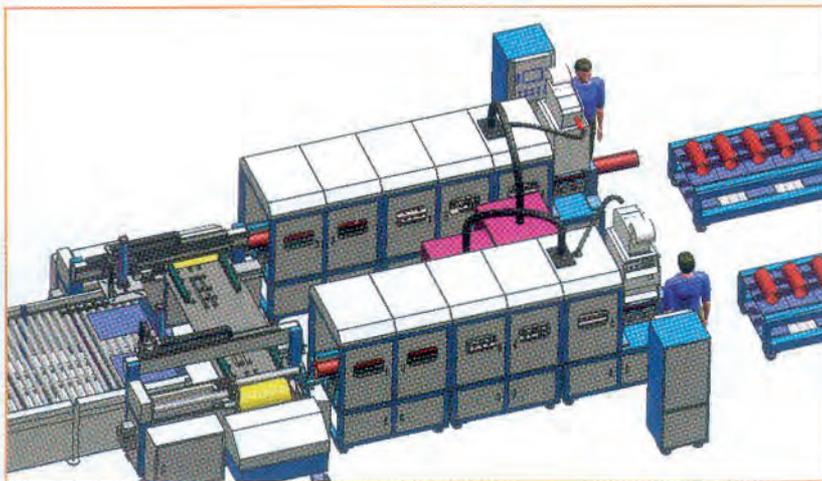


Plate Shearing Machine  
Capacity: 20pcs/min

Plate Leveler  
Capacity: 20pc/min



Cylinder Rolling Machine  
Capacity: 6pc/min

Longitudinal Seam Welder  
Capacity: 8pc/min

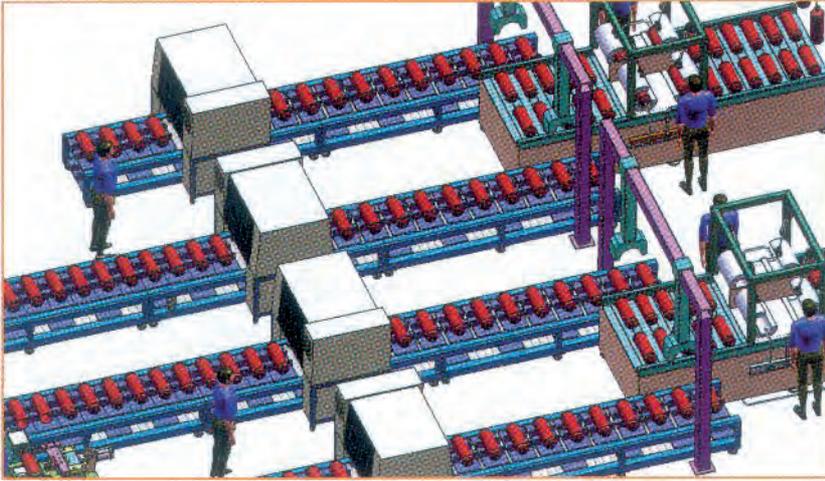
Girth Seam Welder  
Capacity: 8pc/min



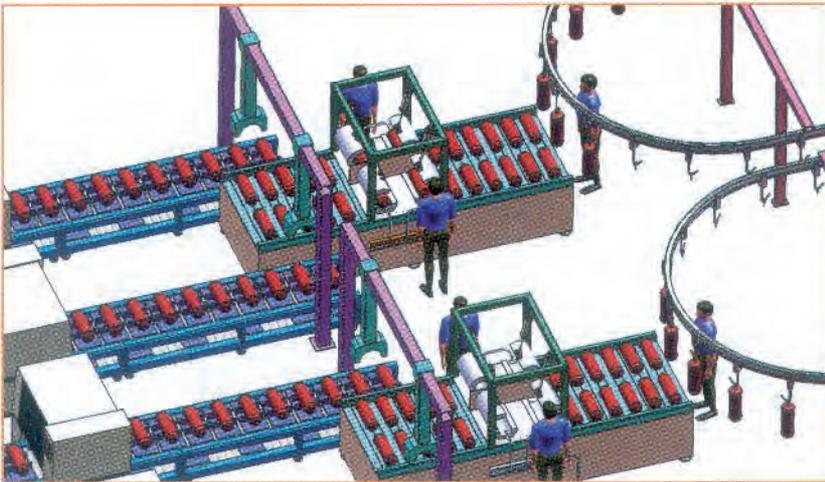
Neck Ring & Base Welder  
Capacity: 6pc/min



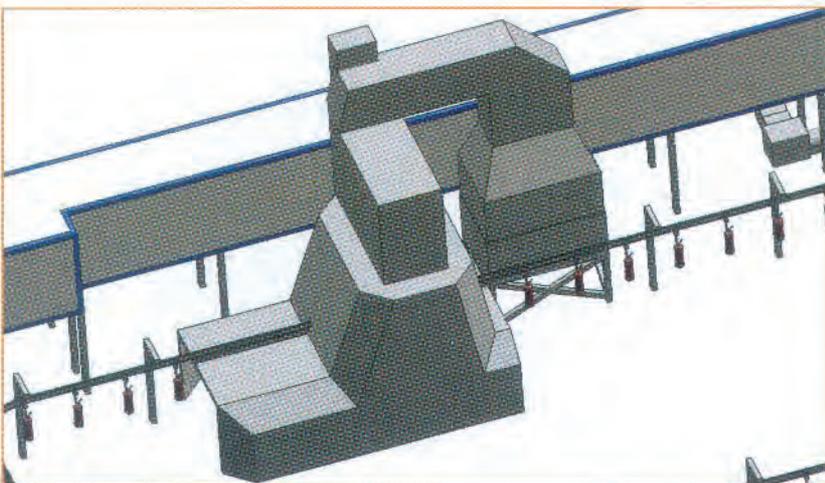
## Powder Fire Extinguisher Automatic Production Line (Capacity: 6pc/min)



Sand Blasting Machine  
Capacity: 6pc/min



Hydraulic Test  
Capacity: 6pc/min  
Cylinder Drying Line



Powder Coating Oven  
Capacity: 6pc/min

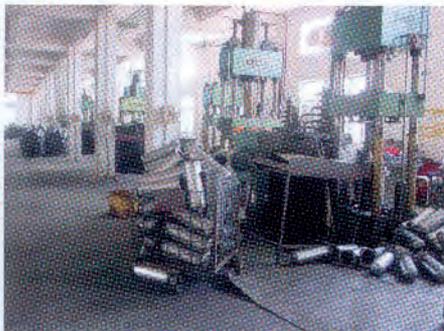
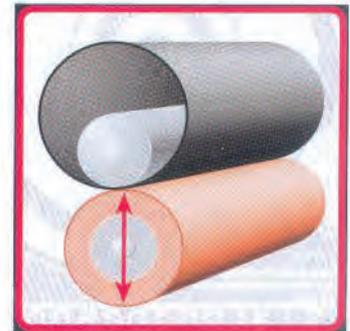


## Cylinder Manufacturing Machine



Rolling Machine

SNG17-01



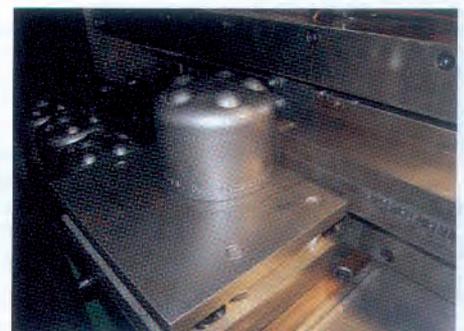
Hydraulic Press

SNG17-02



Grooving & Cutting Machine

SNG17-03



Marking Machine

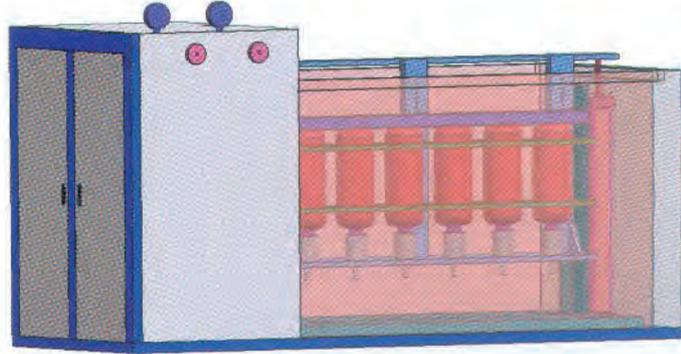
SNG17-04



## Hydraulic Testing Machine



SNG17-05

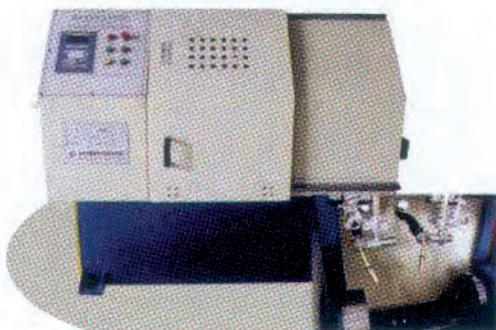


SNG17-06



Girth Welding Machine

SNG17-07



Girth Welding Machine

SNG17-08

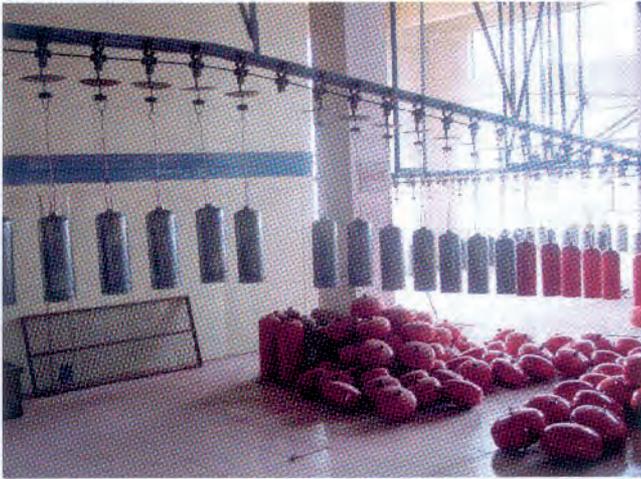


Longitudinal Seam Welding Machine

SNG17-09



## Powder Coating Line



SNG17-10



## Automatic Dry Powder Filling Line



SNG17-11

### Main technical parameters

Capacity: 4kg/220Pcs/hour  
 Filling accuracy:  $1\text{kg} \leq \pm 7\text{g}$   
 Adaptation: 1kg-12kg  
 Supporting Power: 8.5KW  
 Work pressure: 0.4-0.8MPa  
 work way: Continuous  
 Voltage: AC380/220V





## AUTOMATIC POWDER FILLING MACHINE

Capacity: 4kg/220Pcs/hour  
Filling accuracy:  $1\text{kg} \leq \pm 7\text{g}$   
Adaptation: 1kg–12kg  
Supporting Power: 8.5KW  
Work pressure: 0.4–0.8MPa  
work way: Continuous  
Voltage: AC380/220V

SNG18-01



## MANUAL POWDER FILLING MACHINE

Voltage: AC 220 V  
Power: 1.1 KW  
Filling rate: More than 4 kg/min  
Filling Precision:  $1\text{ kg} \leq 0.04$   
Packing: 40 × 80 × 135(cm)  
Weight: 90 kg

SNG18-02



## CO<sub>2</sub> FILLING MACHINE

Power: 1.1kw 220V  
Capacity: 3kg/min  
Suttle: 59kg  
Size: 530x450x420mm

SNG18-03



## CO<sub>2</sub> FILLING MACHINE

Voltage: 220V SOH  
Power: 100W  
Work pressure: 3–10Bar  
Filling Rate:40s for 2kg

SNG18-04



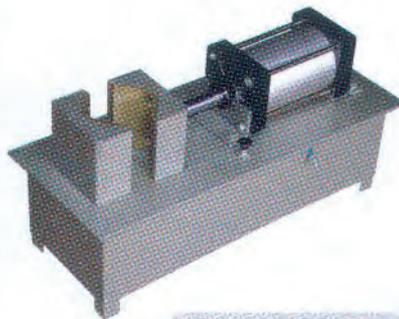
## FIRE EXTINGUISHER N<sub>2</sub> FILLING MACHINE

Voltage: 220V  
Power: 100W  
Filling Pressure: 1.7MPa  
Packing: 59 x 50 x 100(cm)  
Weight: 30kg

SNG18-05



SNG18-06



SNG18-07



SNG18-08



## SI03-05A CYLINDER HYDRAULIC TEST PUMP

Suitable for hydraulic test of powder fire extinguisher cylinder, CO2 fire extinguisher cylinder, foam fire extinguisher cylinder, Water fire extinguisher cylinder.



SNG18-09

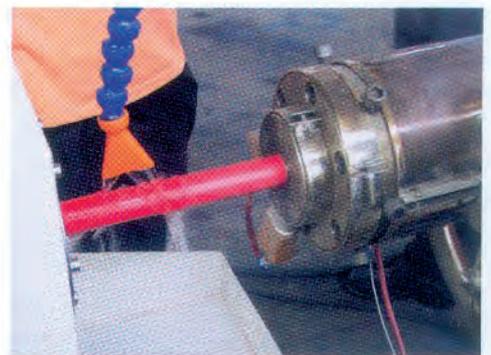
SNG18-10



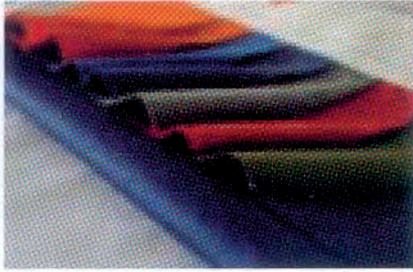
SNG18-11



## PVC Semi Rigid Hose Production Line



SNG18-12



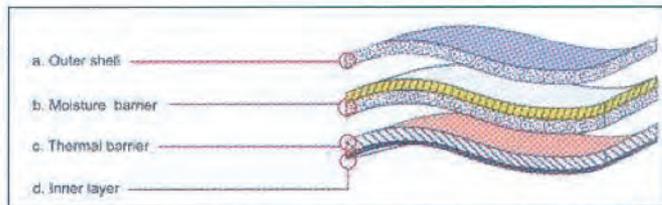
SNG19-01

## Flame Retardant Fabric NFPA

C/N Flame Retardant Fabric are a blend of 88% cotton and 12% high tenacity nylon. This fabric is durable against normal washing, non-poisonous, comfortable to wear and safe to human body. C/N fabrics have excellent abrasion resistance and optimize comfort than other fabrics. The clothing made of this fabrics offer 50% extended garment wear life and enhanced protection from electric arc, flash fire, molten ferrous metal and welding explode.

## Fire Fighting Suits EN469

Model No.: SIHD07-09-2  
Standard: EN469-2007, EN340:2004  
Color: Navy Blue, Yellow, Khaki, Orange  
Size: S, M, L, XL, XXL



Material:  
Outer Fabric: Nomex IIIA, 200g/m, twill weave.  
Moisture barrier: 50% Nomex, 50% FR Viscose. Coated with PEFE membrane.  
Thermal barrier: Carbon felt laminated with 50% Nomex, 50% FR Viscose.  
FR Reflective tape: 3M's 9587/8935  
Sewing Thread: Aramid (Nomex) Thread  
Anti-flame knitted wristband  
Anti-flame Velcro Fastener



SNG19-02



SNG19-03



SNG19-04

## Fire Fighting Suits EN469, EN340



Model No.: SI07-09-03  
Standard: EN469-2007, EN340:2004  
Color: Navy Blue  
Size: S, M, L, XL, XXL

Material:  
Outer Fabric: 58% Meta-Aramid, 40% Para-aramid, 2% Antistatic. Rip-Stop (equivalent to "Nomex Delta T"), 215g/m<sup>2</sup>  
Moisture Barrier: 50% Nomex, 50% FR Viscose Coated With PTFE Membrane.  
Thermal Barrier: Carbon Felt Laminate With 50% Nomex, 50% FR Viscose Comfortable Face Cloth.  
Reflective Tape: 3M's 9587/8935  
Sewing Thread: Aramid (Nomex) Thread  
Anti-flame knitted wristband  
Anti-flame Velcro Fastener  
Package: 5 sets/carton



# TWINBRIDGE®



SNG18-06



SNG18-07



SNG18-08



SNG18-09



SNG18-10



SNG18-11



SNG18-12



SNG18-13



SNG18-14



## Stretcher



SNG20-01

Spine Board



SNG20-02



Basket Stretcher

SNG20-3A

SNG20-3B



Basket Stretcher

SNG20-04



Scoop Stretcher

SNG20-05



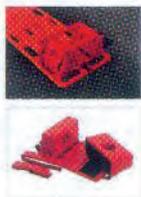
Pediatric Immobilization Stretcher

SNG20-06



Head Immobilize

SNG20-07



Body Splint

SNG20-08



Aluminum Mouldable Splint

SNG20-09



SNG20-10



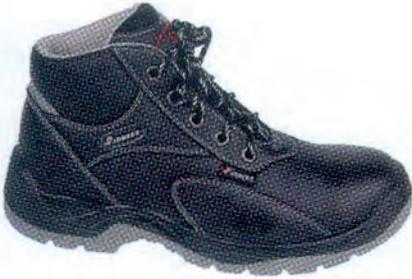
SNG20-11



SNG20-12



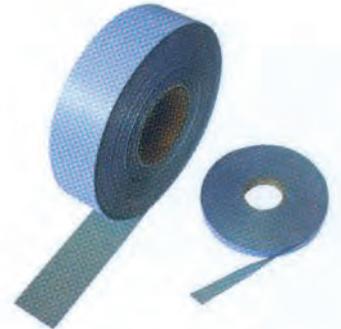
SNG20-13



SNG20-14



SNG20-15



SNG20-16



SNG20-17



SNG20-18



SNG20-19