

2016

ZYfire®

Layflat Hose Solution



Rack Hose ●



Municipal fire Hose ●

ISO9001 MSHA BS6391 DIN NFPA EN694 EN14540 DIN14811

Forestry fire Hose ●

Mine fire Hose ●

Agricultural Hose ●

Potable Water Hose ●

Semi-rigid Hose ●

Industrial Hose

Fracturing&Oilfield Hose●

Marine Fire Hose ●

Woven jacket Hose

ZYfire®

Rubber/Pu covered Hose

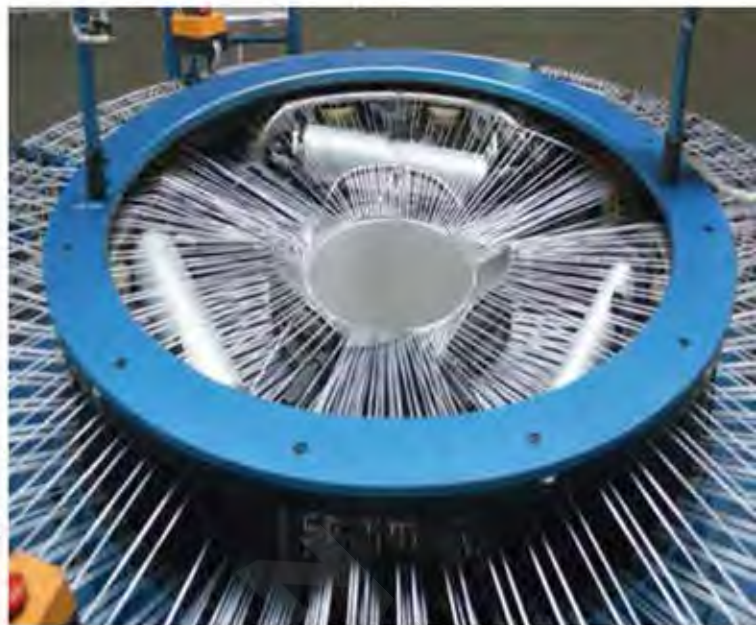
ZYfire®

Layflat Hose Solution

ZYfire Hose Corporation

A Successful Legend of a Fire Hose Corporation

Zyfire now almost can manufacture full line of fire hoses, including woven-jacket hoses and elastomer covered hoses (Nitrile rubber, PVC, PU covered hoses). Hose lining materials include natural rubber (NR), SBR, PVC, EPDM, PU, Nitrile Rubber, and neoprene rubber etc. Classified by application, Zyfire hoses cover frac hose (through-the weave), rack hoses, municipal fire hoses, industrial fire hoses, mine fire hoses, forestry fire hoses, snow-making hoses, potable water hoses, PVC or rubber covered discharge hoses, mill hoses, contract hoses, and agricultural hoses, fuel transfer hose, marine fire hose, etc, size is from 5/8"~16", some hose 5000ft/1500m length is available.



A New Image of Quality Fire Hoses
"Made in China"

In order to supply high quality product to our customers, Zyfire also produces and supply some metal fittings and valves for fire fighting application. Some valves are approved by EN 671. With our quality control system and sourcing capability, we can supply complete product packages to our customer besides fire hoses, including storz coupling, instantaneous coupling (BS), expansion ring coupling, storz branchpipe, BS branchpipe, landing valve, sprinkler, and etc.



Equipped with new advanced technologies

Zyfire can manufacture fire hoses which meet or exceed technical requirements by standard NFPA1961, UL, FM, MSHA, BS6391, EN14540, EN14811, DIN, MED, NSF61 or CCC, CCS etc. Some of Zyfire hoses are approved by **CCC, CCS, EN14540, EN694, DIN, MED, MSHA, BS6391, UL, ULC** and **FM**.





Corporate Strategy

5-Knows

Know Industry

Complete Product Line

Know-How

Leading Technology

Know Customers

Tailored Product Solution

Know Production

Systematic Quality Control

Know competitors

Competitive Pricing

Products Approval List**UL approval****P8****ULC approval****P8****FM approval****P9,P10****MED approval****P11****EN694 approval****P12****EN14540 approval****P13****MSHA approval****P28****NSF61 approval****P31****EN671 approval****P49**

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PU Lining Fire Hose

Single jacket



FIRE HOSE FOR INTERIOR STANDPIPE,LINED,UNCOUPLED

Model:17-40,1-1/2" Single jacketed fire hose for interior standpipes with TPU lining,hot melting adhesive and polyester jackets.

Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave

Lining: Polyurethane (TPU) tube

Color: White,Red,Yellow.

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Premium solution.

Hose Standard: meet or exceed UL219, ULC.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	40	250/17	750/51

EPDM Lining Fire Hose

Double jacket



FIRE HOSE ,LINED,UNCOUPLED,FOR MUNICIPAL AND INDUSTRIAL USE

Model:28-65,Double jacketed EPDM lining,with Hot Melting Adhesive EVA fire hose with polyester jackets.

Size in: 2-1/2"

Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave high performance in abrasion-resistance

Lining: EPDM rubber tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.

Hose Standard: UL19, ULC, NFPA1961

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
2 1/2"	65	400/28	1200/84

* All above technical parameters are for reference ,details please confirm with ZYfire.

PU Lining Fire Hose



Single jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave

Lining: Polyurethane (PU) tube

Color: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Premium solution.

Hose Standard: meet or exceed FM.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	250/17	750/51

EPDM Lining Fire Hose



Single jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave

Lining: EPDM tube, vulcanized twice

Color: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Premium solution.

Hose Standard: meet or exceed FM.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	250/17	750/51
1 3/4"	44	250/17	750/51
2 1/2"	64	250/17	750/51

* All above technical parameters are for reference ,details please confirm with ZYfire.

PU Lining Fire Hose



Double jacket



Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave
high permacne in abrasion-resistance

Lining: PU tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.

Hose Standard: meet or exceed FM, NFPA1961

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	400/28	1200/84
1 3/4"	44	400/28	1200/84
2 1/2"	64	400/28	1200/84

EPDM Lining Fire Hose



Double jacket



Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave
high performance in abrasion-resistance

Lining: EPDM rubber tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.

Hose Standard: FM, NFPA1961

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	400/28	1200/84
1 3/4"	44	400/28	1200/84
2 1/2"	64	400/28	1200/84

* All above technical parameters are for reference ,details please confirm with ZYfire.

EPDM Lining Hose



Single jacket



Jacket: 100% virgin high tenacity polyester Jacket, Single Jacket, Standard Wall thickness

Lining: EPDM tube, highly aging resistant, ozone-resistant

Color: White, Red, Blue, Yellow

Package: Rolled, packed in carton or loaded in pallet

Application: Marine fire hoses, Marine water discharge

Standard length: 15m (50ft), 20m (66ft), 25m(82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	40	220/15	660/45
1 3/4"	45	220/15	660/45
2"	50	220/15	660/45
2 1/2"	65	220/15	660/45

Rubber Covered Hose



Nitrile rubber covered



Reinforcement: Synthetic yarn

Cover and Tube: Nitrile/PVC blend tube, heavy rib with higher abrasion-resistance

Color: Yellow, Orange, Red, Blue, Black

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Water Discharge, Premium solution.

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
2 1/2"	65	220/15	660/45

* All above technical parameters are for reference ,details please confirm with ZYfire.

PU Lining Semi-rigid Hose EN694
Single jacket


Jacket: 100% Virgin High-tenacity polyester, single jacket combined with nylon helical interior reinforcement

Lining: PU tube

Color: White, yellow, Red, Green

Package: Rolled, packed in carton or loaded in pallet

Application: Construction sites and industry, Agriculture, Industrial water hose (suitable also for hot water), Lightweight air pressure hose, Reel hoses in hose cabinet, Wildfire fighting.

Standard length: 15m (50ft), 30m (100ft), 60m (200ft).

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
3/4"	19	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
1"	25	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126

EPDM Lining Semi-rigid Hose EN694
Single jacket EPDM Lining


Jacket: 100% Virgin High-tenacity filament polyester single jacket combined with nylon helical interior reinforcement

Lining: EPDM tube

Color: Yellow, Orange, Black, Red

Package: Rolled, packed in carton or loaded in pallet

Application: Construction sites and industry, Agriculture, Industrial water hose (suitable also for hot water), Lightweight air pressure hose, Reel hoses in hose cabinet, Wildfire fighting

Standard length: 15m (50ft), 20m (66ft), 30m (100ft), 60m (200ft).

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
3/4"	19	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
1"	25	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126

* All above technical parameters are for reference ,details please confirm with ZYfire.

PVC Lining Fire Hose EN14540

Single jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket

Lining: PVC tube

Color: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Economic solution.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1"	25	220/15	660/45
1 3/4"	45	220/15	660/45
2"	52	220/15	660/45

EPDM Lining Fire Hose EN14540

Single jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket

Lining: Natural rubber/SBR tube, or Latex Rubber tube

Color: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Economic solution.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1"	25	220/15	660/45
1 3/4"	45	220/15	660/45
2"	52	220/15	660/45

* All above technical parameters are for reference ,details please confirm with ZYfire.

Rack-U

Key Words: SJ, PU Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave

Lining: Polyurethane (PU) tube

Color: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Premium solution.

Hose Standard: meet or exceed UL219, ULC, FM.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	40	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
1 3/4"	45	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2"	50	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2 1/2"	65	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

Rack-D

Key Words: SJ, EPDM Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave

Lining: EPDM tube, vulcanized twice

Color: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Premium solution.

Hose Standard: meet or exceed UL219, ULC, FM.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	40	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
1 3/4"	45	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2"	50	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2 1/2"	65	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

* All above technical parameters are for reference ,details please confirm with ZYfire.

Rack-P

Key Words: SJ, PVC Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket

Lining: PVC tube

Color: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Economic solution.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure (PSI/Bar)	Minimum Burst Pressure (PSI/Bar)
Inch	mm		
1 1/2"	40	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
1 3/4"	45	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2"	50	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2 1/2"	65	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

Rack-N

Key Words: SJ, N.R. Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket

Lining: Natural rubber/SBR tube, or Latex Rubber tube

Color: White

Package: Roll or folded, packed in carton or loaded in pallet

Application: non-percolating uncoated rack hose, also named as Box hoses, Cabinet Hoses. Rack hoses are placed in cabinet located in residential, industrial building. Economic solution.

Standard length: 15m (50ft), 20m (66ft), 22.5m (75ft), 30m (100ft)

I. D.		Service Pressure (PSI/Bar)	Minimum Burst Pressure (PSI/Bar)
Inch	mm		
1 1/2"	40	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
1 3/4"	45	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2"	50	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
2 1/2"	65	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

* All above technical parameters are for reference ,details please confirm with ZYfire.

Sintack-P

Key Words: SJ, PVC Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave.
better performance in abrasion resistance than Rack-P.

Lining: PVC tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.

Hose Standard: UL19, ULC, FM, NFPA, MED

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/4"	32	150/10,200/14, 220/15, 250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 1/2"	40	150/10,200/14, 220/15, 250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 3/4"	45	150/10,200/14, 220/15, 250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
2"	50	150/10,200/14, 220/15, 250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 1/2"	65	150/10,200/14, 220/15, 250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 3/4"	70	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
3"	75	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

Sintack-D

Key Words: SJ, EPDM Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave
better performance in abrasion resistance than Rack-D

Lining: EPDM rubber tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.

Hose Standard: UL19, ULC, FM, NFPA, MED, EN14540, DIN

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/4"	32	150/10,200/14, 220/15,250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 1/2"	40	150/10,200/14, 220/15,250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 3/4"	45	150/10,200/14, 220/15,250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
2"	50	150/10,200/14, 220/15,250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 1/2"	65	150/10,200/14, 220/15,250/17,300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 3/4"	70	150/10,200/14, 220/15,250/17	450/30, 600/42, 660/45, 750/51
3"	75	150/10,200/14, 220/15,250/17	450/30, 600/42, 660/45, 750/51

* All above technical parameters are for reference ,details please confirm with ZYfire.

Sintack-NP

Key Words: SJ, Nitrile/PVC Blend Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket

good permacne in abrasion-resistance

Lining: Nitrile/PVC tube

Color: White

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/4"	32	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 1/2"	38	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 3/4"	45	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2"	50	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 1/2"	65	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 3/4"	70	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
3"	75	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

Sintack-N

Key Words: SJ, N.R. Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Single Jacket, Twill or Plain Weave

better permacne in abrasion-resistance than Rack-N

Lining: Natural rubber/SBR tube, or Latex Rubber tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Economic solution.

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/4"	32	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 1/2"	38	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
1 3/4"	45	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2"	50	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 1/2"	65	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 3/4"	70	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
3"	75	150/10,200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

* All above technical parameters are for reference ,details please confirm with ZYfire.

Twintack-U

Key Words: DJ, PU Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave
high permacne in abrasion-resistance
Lining: PU tube
Color: White, Yellow, Orange, Red, Blue, Green, Tan
Package: Rolled, packed in carton or loaded in pallet
Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.
Hose Standard: meet or exceed UL19, ULC, FM, NFPA1961
Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure (PSI/Bar)	Minimum Burst Pressure (PSI/Bar)
Inch	mm		
1 1/4"	32	250/17 300/21 400/28	750/51, 900/63, 1200/84
1 1/2"	38	250/17 300/21 400/28	750/51, 900/63, 1200/84
1 3/4"	45	250/17 300/21 400/28	750/51, 900/63, 1200/84
2"	50	250/17 300/21 400/28	750/51, 900/63, 1200/84
2 1/2"	65	250/17 300/21 400/28	750/51, 900/63, 1200/84
2 3/4"	70	250/17 300/21 400/28	750/51, 900/63, 1200/84
3"	75	250/17 300/21 400/28	750/51, 900/63, 1200/84

Twintack-D

Key Words: DJ, EPDM Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave
high performance in abrasion-resistance
Lining: EPDM rubber tube
Color: White, Yellow, Orange, Red, Blue, Green, Tan
Package: Rolled, packed in carton or loaded in pallet
Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.
Hose Standard: UL19, ULC, FM, NFPA1961
Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure (PSI/Bar)	Minimum Burst Pressure (PSI/Bar)
Inch	mm		
1 1/4"	32	250/17 300/21 400/28	750/51, 900/63, 1200/84
1 1/2"	38	250/17 300/21 400/28	750/51, 900/63, 1200/84
1 3/4"	45	250/17 300/21 400/28	750/51, 900/63, 1200/84
2"	50	250/17 300/21 400/28	750/51, 900/63, 1200/84
2 1/2"	65	250/17 300/21 400/28	750/51, 900/63, 1200/84
2 3/4"	70	250/17 300/21 400/28	750/51, 900/63, 1200/84
3"	75	250/17 300/21 400/28	750/51, 900/63, 1200/84

* All above technical parameters are for reference ,details please confirm with ZYfire.

Twintack-N

Key Words: DJ, N.R. Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave
high performance in abrasion-resistance

Lining: Natural rubber/SBR tube, or Latex Rubber tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Economic solution.

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure (PSI/Bar)	Minimum Burst Pressure (PSI/Bar)
Inch	mm		
1 1/4"	32	250/17 300/21 400/28	750/51, 900/63, 1200/84
1 1/2"	38	250/17 300/21 400/28	750/51, 900/63, 1200/84
1 3/4"	45	250/17 300/21 400/28	750/51, 900/63, 1200/84
2"	50	250/17 300/21 400/28	750/51, 900/63, 1200/84
2 1/2"	65	250/17 300/21 400/28	750/51, 900/63, 1200/84
2 3/4"	70	250/17 300/21 400/28	750/51, 900/63, 1200/84
3"	75	250/17 300/21 400/28	750/51, 900/63, 1200/84

Lexus

Key Words: Nitrile rubber covered



Reinforcement: Synthetic yarn

Cover and Tube: Nitrile/PVC blend tube, heavy rib with higher abrasion-resistance

Color: Yellow, Orange, Red, Blue, Black

Package: Rolled, packed in carton or loaded in pallet

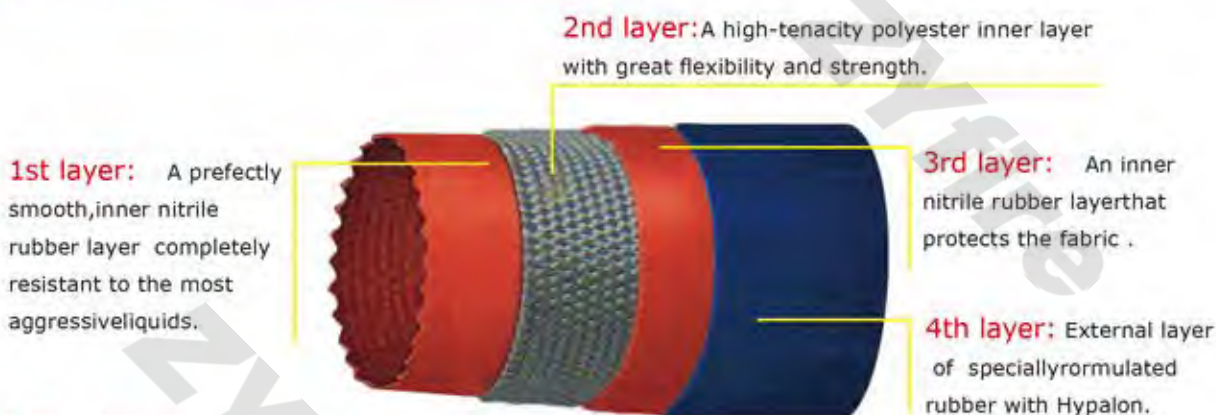
Application: Industrial fire fighting, Fire hoses for brigade, Water Discharge, Premium solution.

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure (PSI/Bar)	Minimum Burst Pressure (PSI/Bar)
Inch	mm		
1 1/4"	32	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
1 1/2"	38	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
1 3/4"	45	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
2"	50	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
2 1/2"	65	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
2 3/4"	70	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
3"	75	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
4"	102	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
5"	127	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
6"	152	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51

* All above technical parameters are for reference ,details please confirm with ZYfire.

Lexus-4k



Advantages:

- The adhesion strength of through-the-weave internal layer is 50N, and our existing two steps hose also can reach 50N by improving the weave.
- The out layer adopts special material (such as Hypalon, Nitrile Rubber mixed with Kevlar pulp etc.) to increase abrasive and ageing resistance of hose, and greatly increase its service life.
- The internal layer can be customized according to different operating environment and become widely used. (the internal layer material NBR/PVC and EPDM, etc. are available)

Characteristics:

- Hose is resistant to different types of attack: abrasion, oils, acids, chemicals, cracking, heat, adverse weather conditions, delamination, kinking, ozone, petroleum, etc.
- Length: available as requests.
- Temperature: -30°C to +100°C.
- Easy to coil, dry or wet.
- Internal lining material: customized.



Technical Characteristics:

Inner diameter		Weight		Thickness	Working pressure		Test pressure		Break pressure	
mm	inches	g/m	lbs/ft	mm	bar	psi	bar	psi	bar	psi
25	1"	260	0,175	2,4	20~30	290~435	40~60	580~870	60~90	870~1305
38	1 1/2"	385	0,260	2,4	16~25	232~363	32~50	464~725	48~75	696~1088
45	1 3/4"	425	0,285	2,4	16~25	232~363	32~50	464~725	48~75	696~1088
52	2"	490	0,330	2,5	16~25	232~363	32~50	464~725	48~75	696~1088
65	2 1/2"	650	0,435	2,6	16~20	232~290	32~40	464~580	48~60	696~870
70	2 3/4"	700	0,470	2,6	16~20	232~290	32~40	464~580	48~60	696~870
75	3"	760	0,510	2,6	16~20	232~290	32~40	464~580	48~60	696~870

* All above technical parameters are for reference, details please confirm with ZYfire.

Marineflo-P

Key Words: SJ, PVC lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Single Jacket, Standard Wall thickness

Lining: PVC tube

Color: White, Red, Blue, Yellow

Package: Rolled, packed in carton or loaded in pallet

Application: Marine fire hoses, Marine water discharge

Standard length: 15m (50ft), 20m (66ft), 25m(82ft), 30m (100ft)

Hose Standard: Meet or exceed MED

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	40	220/15	660/45
1 3/4"	45	220/15	660/45
2"	50	220/15	660/45
2 1/2"	65	220/15	660/45

Marineflo-D

Key Words: SJ, EPDM lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Single Jacket, Standard Wall thickness

Lining: EPDM tube, highly aging resistant, ozone-resistant

Color: White, Red, Blue, Yellow

Package: Rolled, packed in carton or loaded in pallet

Application: Marine fire hoses, Marine water discharge

Standard length: 15m (50ft), 20m (66ft), 25m(82ft), 30m (100ft)

Hose Standard: Meet or exceed MED

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	40	220/15	660/45
1 3/4"	45	220/15	660/45
2"	50	220/15	660/45
2 1/2"	65	220/15	660/45
2 3/4"	70	220/15	660/45
3"	75	220/15	660/45

* All above technical parameters are for reference ,details please confirm with ZYfire.

BMW-U800

Key Words: DJ, PU Lining, Nylon jacket



Jacket: high tenacity nylon Jacket, Double Jacket, circular-woven
 twill weave or plain weave, High performance in abrasion-resistance.

Lining: PU tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Municipal fire brigades, industrial fire brigades, Premium solution.

Hose Standard: Meet or exceed UL19, ULC, FM, NFPA

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/4"	32	300/21 400/28	900/63, 1200/84
1 1/2"	38	300/21 400/28	900/63, 1200/84
1 3/4"	45	300/21 400/28	900/63, 1200/84
2"	50	300/21 400/28	900/63, 1200/84
2 1/2"	65	300/21 400/28	900/63, 1200/84
2 3/4"	70	300/21 400/28	900/63, 1200/84
3"	75	300/21 400/28	900/63, 1200/84

BMW-D800

Key Words: DJ, EPDM Lining, Nylon jacket



Jacket: high tenacity nylon Jacket, Double Jacket, circular-woven
 twill weave or plain weave. High performance in abrasion-resistance.

Lining: EPDM rubber tube

Color: White, Yellow, Orange, Red, Blue, Green, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Industrial fire fighting, Fire hoses for brigade, Premium solution.

Hose Standard: Meet or exceed UL19, ULC, FM, NFPA

Standard length: 15m (50ft), 20m (66ft), 25m (82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/4"	32	300/21 400/28	900/63, 1200/84
1 1/2"	38	300/21 400/28	900/63, 1200/84
1 3/4"	45	300/21 400/28	900/63, 1200/84
2"	50	300/21 400/28	900/63, 1200/84
2 1/2"	65	300/21 400/28	900/63, 1200/84
2 3/4"	70	300/21 400/28	900/63, 1200/84
3"	75	300/21 400/28	900/63, 1200/84

Durasupply

Key Words: Nitrile Rubber Covered Hose, Large Diameter hose



Reinforcement: Synthetic yarn

Cover and Tube: Nitrile/PVC blend tube, thin-rib on cover result in better performance in abrasion-resistance

Color: Yellow, Orange, Red

Package: Rolled, packed in carton or loaded in pallet

Application: Large diameter hoses for water supply in and Municipal and Industrial fire fighting, Premium solution.

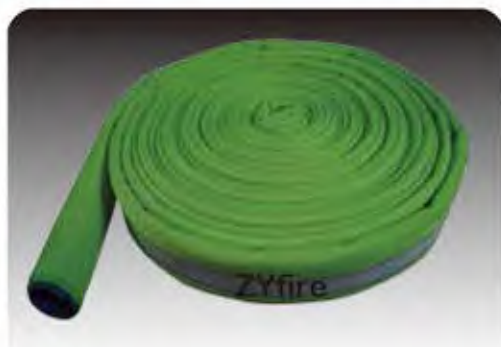
Hose Standard: Meet or exceed UL19, NFPA, FM

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
4"	102	200/14	600/42
4 1/2"	115	200/14	600/42
5"	127	200/14	600/42
6"	152	200/14	600/42
8"	200	200/14	600/42
10"	250	200/14	600/42
12"	300	200/14	600/42

Powerlite

Key Words: DJ, PU Lining, Polyester jacket



Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave
Lining: PU tube

Color: White, Yellow, Orange, Red, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Large diameter hoses for water supply in and Municipal and Industrial fire fighting, Premium solution.

Hose Standard: Meet or Exceed UL19, ULC, FM, NFPA etc.

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
4"	102	300/21	900/63
4 1/2"	115	300/21	900/63
5"	127	300/21	900/63
6"	152	300/21	900/63

* All above technical parameters are for reference ,details please confirm with ZYfire.

Powerflo

Key Words: DJ, EPDM Lining, Polyester jacket, Large Diameter Hose



Jacket: 100% Virgin Polyester Jacket, Double Jacket, Twill or Plain Weave

Lining: EPDM tube

Color: White, Yellow, Orange, Red, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Large diameter hoses for water supply in and Municipal and Industrial fire fighting, Premium solution.

Hose Standard: Meet or exceed UL19, ULC, FM, NFPA etc.

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
4"	102	300/21	900/63
5"	127	300/21	900/63
6"	152	300/21	900/63

Nikelite

Key Words: DJ, PU Lining, Nylon jacket, Large Diameter hose



Jacket: high tenacity nylon Jacket, Double Jacket, circular-woven twill weave or plain weave

Lining: PU rubber tube

Color: White, Yellow, Orange, Red, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Large diameter hoses for water supply in and Municipal and Industrial fire fighting, Premium solution.

Hose Standard: UL19, ULC, FM, NFPA etc.

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
4"	102	300/21	900/63
5"	127	300/21	900/63
6"	152	300/21	900/63

* All above technical parameters are for reference ,details please confirm with ZYfire.

Nikeflo

Key Words: DJ, EPDM Lining, Nylon jacket, Large Diameter hose



Jacket: high tenacity nylon Jacket, Double Jacket, circular-woven twill weave or plain weave

Lining: EPDM tube

Color: White, Yellow, Orange, Red, Tan

Package: Rolled, packed in carton or loaded in pallet

Application: Large diameter hoses for water supply in and Municipal and Industrial fire fighting, Premium solution.

Hose Standard: Meet or exceed UL19, ULC, FM, NFPA etc.

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
4"	102	300/21	900/63
5"	127	300/21	900/63
6"	152	300/21	900/63

* All above technical parameters are for reference ,details please confirm with ZYfire.

ZYFIRE Coating Techonology

Zyfire develop two type of coating technology: PUENCAP and SAENCAP. PUENCAP is a high performance polymeric dispersion. The hoses treated by PUENCAP gain more abrasion resistance, oil resistance, anti-fungi, UV resistance, Ozone resistance, water resistance, cold resistance etc. PUENCAP treatment are suggested for the hoses used in American market.

SAENCAP is a high performance SA latex.. The hoses treated by SAENCAP gain more water resistance. It is an economic coating option.

Forestry 1871

Key Words: SJ, PU Lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester filament Jacket, Single Jacket, circular-woven twill weave or plain weave

Lining: PU tube

Color: White

Package: Rolled, packed in carton or loaded in pallet

Application: Forestry fire fighting, forestry back-up hoses

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1"	25	300/21	900/63
1 1/2"	38	300/21	900/63

Forestry 1872

Key Words: SJ, PU Lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Single Jacket, circular-woven twill weave or plain weave

Lining: PU tube

Color: Yellow, Red

Package: Rolled, packed in carton or loaded in pallet

Application: Forestry fire fighting

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1"	25	300/21	900/63
1 1/2"	38	300/21	900/63

* All above technical parameters are for reference ,details please confirm with ZYfire.

Percolatac

Key Words: SJ, PU lining, Weeping/Percolating Hose, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Single Jacket, circular-woven twill weave or plain weave. High performance in abrasion-resistance

Lining: PU tube with weeping holes

Color: White

Package: Rolled, packed in carton or loaded in pallet

Application: Self protection percolating hoses for forestry fire fighting, Also named as weeping hoses

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1"	25	300/21	900/63
1 1/2"	38	300/21	900/63

Econo-Forestry

Key Words: SJ, PU Lining, Polyester jacket



Jacket: 100% virgin high tenacity spun polyester Jacket, Single Jacket, circular-woven plain weave

Lining: PU tube

Color: White, Yellow

Package: Rolled, packed in carton or loaded in pallet

Application: Back-up fire hoses for forestry workers, small forestry fire fighting

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
5/8"	16	200/14	600/42
3/4"	19	200/14	600/42

* All above technical parameters are for reference ,details please confirm with ZYfire.

Neomine

Key Words: SJ, Nitrile Rubber Lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester jacket, Single Jacket, circular-woven plain weave

Lining: Nitrile Rubber (NBR) tube

Color: White or other color

Package: Rolled, packed in carton or loaded in pallet

Application: Water discharge, underground mine fire fighting

Standard length: 15m (50ft), 30m (100ft)

N.B.: **MSHA approved**

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	250/17, 300/21, 400/28	750/51, 900/63, 1200/84

Nitrimine

Key Words: Nitrile rubber covered hose



Reinforcement Layer: 100% virgin high tenacity polyester Jacket,

Cover & ining: Nitrile Rubber & PVC blend

Color: dark or other color

Package: Rolled, packed in carton or loaded in pallet

Application: Water discharge, underground fire fighting

N.B.: **MSHA approved**

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	250/17, 300/21, 400/28	750/51, 900/63, 1200/84

* All above technical parameters are for reference ,details please confirm with ZYfire.

Irrigator

Key Words: Nitrile rubber covered hose



Cover and Lining: Nitrile Rubber, Ribbed cover or smooth cover

Reinforcement Jacket: High-tenacity synthetic jacket

Color: Blue, Green, Black, Red

Package: Rolled, packed in carton or loaded in pallet

Application: Irrigation, Pumping of sludge and liquid fertilizers

Standard length: 30m (100ft), 61m(200ft), 91.5m (300ft), 100m (330ft)
200m (660ft), 300m(990ft), 400m(1320ft)

Manufacturing technology: through-the-weave technology without delamination issue

Inner Diameter		Wall Thickness		Weight		Burst Pressure		Tensile Strength*	
inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	lbs	kg
3/4"	20,0+1,6	0,09	2,3	0,14	0,21	1500	100	19	1 900
1"	25,4+1,6	0,10	2,5	0,18	0,28	1500	100	5 100	2 300
1 1/2"	38,0+1,6	0,09	2,2	0,20	0,30	800	55	6 400	2 900
2"	51,0+2,0	0,09	2,2	0,25	0,38	650	45	8 350	3 800
2 1/2"	65,0+2,0	0,09	2,2	0,35	0,53	650	45	9 200	4 200
3"	76,0+2,0	0,12	3,1	0,64	0,95	600	39	17 800	8 100
4"	102,0+2,5	0,13	3,3	0,90	1,35	600	39	22 450	10 200
5"	127,0+3,0	0,13	3,3	1,14	1,70	600	39	26 850	12 200
6"	150,0+3,0	0,12	3,0	1,86	2,70	600	39	35 400	16 100
8"	204,0+4,0	0,17	4,0	2,48	3,70	600	39	81 500	37 000
10"	254,0+5,0	0,17	4,2	3,02	4,50	450	30	100 000	45 400
12"	305,0+5,0	0,175	4,4	3,75	5,60	450	30	124 000	56 300

* All above technical parameters are for reference ,details please confirm with ZYfire.



Irrigator Premium

Key Words: PU covered hose



Cover and Lining: PU, Ribbed cover or smooth cover

Reinforcement Jacket: High-tenacity synthetic jacket

Color: Blue, Green, Black, Red, Green

Package: Rolled, packed in carton or loaded in pallet

Application: Irrigation, Pumping of sludge and liquid fertilizers, supply or drag hose

Standard length: 30m (100ft), 61m(200ft), 91.5m (300ft), 100m (330ft)
200m (660ft), 300m(990ft), 400m(1320ft)

Manufacturing technology: through-the-weave technology without delamination issue

This hose is lighter than nitrile making for easier handling, less wear and tear on deployment equipment, and more durable to varied terrain problems which gives you a lot more bang for your buck. The critical benefit of this line is that it will not elongate under pressure and therefore will not snake off its dedicated path... where you deploy it, it stays! This is due to the molecular make-up of the line. Polyurethane is a multi-bond polymer, what this means to you is a strong molecular bond that resists losing its shape and is very abrasion resistant. You can expect an increase in diameter the first time you pressure the line up, and it will then retain this to a degree. You won't see elongation of the line to a significant degree, this solves the problem of the line moving off its laid path and "snaking". Polyurethane serves the user with more longevity, and a lot less risk of failure and collateral damage over traditional aluminium pipe.

Nominal Size	Working pressure (psi/bar)	Burst pressure (psi/bar)	OD(INCH)	Wall Thickness (INCH)	Tensile Strength	
					lbs	kgs
4"	200/14	600/42	4 3/16"	0.150	22 000	14700
5"	200/14	600/42	5 3/16"	0.150	26 400	17600
6"	200/14	600/42	6 5/16"	0.150	33 000	22100
8"	200/14	600/42	8 5/16"	0.170	89 000	59600
10"	180/12	540/36	10 3/8"	0.170	100 100	67000
12"	150/10	450/30	12 7/16"	0.180	134 000	90000
16"	100/7	300/21	16 7/16"	0.190		



* All above technical parameters are for reference ,details please confirm with ZYfire.

Aquatran

Key Words: DJ, PU Lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Double Jacket, circular-woven twill weave or plain weave

Lining: PU tube, raw materials approved by FDA

Color: Blue

Package: Rolled, packed in carton or loaded in pallet

Application: Potable Water Transfer

Standard length: 15m (50ft), 30m (100ft)

Certificate: NSF61 Approved

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
2"	50	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2 1/2"	65	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
3"	75	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
4"	102	250/17, 300/21	750/51, 900/63
5"	127	250/17, 300/21	750/51, 900/63
6"	152	250/17, 300/21	750/51, 900/63

Aquatran Premium

Key Words: PU covered hose, NSF61



Cover and Lining: PU, smooth cover

Reinforcement Jacket: High-tenacity synthetic jacket

Color: Blue

Package: Rolled, packed in carton or loaded in pallet

Application: Potable water transfer

Standard length: 15m (50ft), 30m (100ft), 200m (660ft)

Certificates: NSF61 Approved

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
2"	50	250/17, 300/21	750/51, 900/63
2 1/2"	65	250/17, 300/21	750/51, 900/63
3"	75	220/15, 250/17	660/45, 750/51
4"	102	150/10, 200/14	450/30, 600/42
5"	127	150/10, 200/14	450/30, 600/42
6"	152	150/10, 200/14	450/30, 600/42

* All above technical parameters are for reference ,details please confirm with ZYfire.

Reelite

Key Words: SJ, PU Lining, Polyester jacket



Jacket: 100% Virgin High-tenacity polyester, single jacket combined with nylon helical interior reinforcement

Lining: PU tube

Color: White, yellow, Red, Green

Package: Rolled, packed in carton or loaded in pallet

Application: Construction sites and industry, Agriculture, Industrial water hose (suitable also for hot water), Lightweight air pressure hose, Reel hoses in hose cabinet, Wildfire fighting.

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1/2"	13	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
3/4"	19	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
1"	25	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
1 1/4"	33	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
1 1/2"	40	300/21, 400/28	900/63, 1200/84

Reelflex

Key Words: SJ, EPDM Lining, Nylon Helix, Polyester jacket



Jacket: 100% Virgin High-tenacity filament polyester single jacket combined with nylon helical interior reinforcement

Lining: EPDM tube

Color: Yellow, Orange, Black, Red

Package: Rolled, packed in carton or loaded in pallet

Application: Construction sites and industry, Agriculture, Industrial water hose (suitable also for hot water), Lightweight air pressure hose, Reel hoses in hose cabinet, Wildfire fighting

Standard length: 15m (50ft), 20m (66ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1/2"	13	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
3/4"	19	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
1"	25	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
1 1/4"	33	300/21, 400/28, 600/42	900/63, 1200/84, 1800/126
1 1/2"	40	300/21, 400/28	900/63, 1200/84

* All above technical parameters are for reference ,details please confirm with ZYfire.

Mill-NS

Key Words: SJ, Natural Rubber lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Single Jacket,
Standard Wall thickness
Lining: Natural Rubber (NR)/SBR tube
Color: White
Package: Rolled, packed in carton or loaded in pallet
Application: Water discharge, Wash down, Construction pumps,
Cable and sling protection cover, **Economic Solution**
Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	120/8, 150/10	360/24, 450/30
1 3/4"	45	120/8, 150/10	360/24, 450/30
2"	50	120/8, 150/10	360/24, 450/30
2 1/2"	65	120/8, 150/10	360/24, 450/30
2 3/4"	70	120/8, 150/10	360/24, 450/30
3"	75	120/8, 150/10	360/24, 450/30
4"	102	120/8, 150/10	360/24, 450/30
6"	152	120/8, 150/10	360/24, 450/30

Mill-NT

Key Words: SJ, Natural Rubber lining, Polyester jacket



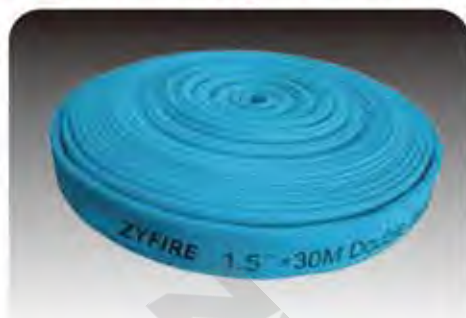
Jacket: 100% virgin high tenacity polyester Jacket, Single Jacket,
Thick Wall thickness. Wall is thicker than the one of Mill-NS
better abrasion-resistance performance than that of Mill-NS.
Lining: Natural Rubber (NR)/SBR tube
Color: White
Package: Rolled, packed in carton or loaded in pallet
Application: Water discharge, Wash down, Construction pumps,
Cable and sling protection cover
Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	120/8, 150/10	360/24, 450/30
1 3/4"	45	120/8, 150/10	360/24, 450/30
2"	50	120/8, 150/10	360/24, 450/30
2 1/2"	65	120/8, 150/10	360/24, 450/30
2 3/4"	70	120/8, 150/10	360/24, 450/30
3"	75	120/8, 150/10	360/24, 450/30
4"	102	120/8, 150/10	360/24, 450/30
6"	152	120/8, 150/10	360/24, 450/30

* All above technical parameters are for reference ,details please confirm with ZYfire.

Contract-NS

Key Words: DJ, Natural Rubber lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Double Jacket,
Standard Wall thickness

Lining: Natural Rubber (NR)/SBR tube

Color: White

Package: Rolled, packed in carton or loaded in pallet

Application: Water discharge, Wash down, Construction pumps,

Cable and sling protection cover, **Economic Solution**

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	200/14, 250/17	600/42, 750/51
1 3/4"	45	200/14, 250/17	600/42, 750/51
2"	50	200/14, 250/17	600/42, 750/51
2 1/2"	65	200/14, 250/17	600/42, 750/51
2 3/4"	70	200/14, 250/17	600/42, 750/51
3"	75	200/14, 250/17	600/42, 750/51
4"	102	200/14, 250/17	600/42, 750/51
6"	152	200/14, 250/17	600/42, 750/51

Contract-NT

Key Words: DJ, Natural Rubber lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Double Jacket,
Thicker Wall thickness. The wall of Contract-NT is thicker than
Contract-NS so that Contract NT has better performance in
abrasion-resistance

Lining: Natural Rubber (NR)/SBR tube

Color: White

Package: Rolled, packed in carton or loaded in pallet

Application: Water discharge, Wash down, Construction pumps,

Cable and sling protection cover

Standard length: 15m (50ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	200/14, 250/17	600/42, 750/51
1 3/4"	45	200/14, 250/17	600/42, 750/51
2"	50	200/14, 250/17	600/42, 750/51
2 1/2"	65	200/14, 250/17	600/42, 750/51
2 3/4"	70	200/14, 250/17	600/42, 750/51
3"	75	200/14, 250/17	600/42, 750/51
4"	102	200/14, 250/17	600/42, 750/51
6"	152	200/14, 250/17	600/42, 750/51

* All above technical parameters are for reference ,details please confirm with ZYfire.

Oroflex Economic

Key Words: PVC/Nitrile Blend Covered Hose



Tube and cover: PVC/Nitrile Blend, high percentage of Nitrile rubber content, Ribbed cover for maximum abrasion resistance. The wall of the hoses are not as thick as one of Oroflex Premium.

Reinforcement: 100% virgin high tenacity polyester Jacket

Color: Black, Yellow, Orange, Blue etc.

Package: Rolled, packed in carton or loaded in pallet

Application: Water discharge for better technical properties than PVC layflat hoses.

Standard length: 15m (50ft), 20m (66ft), 30m (100ft), 60m(200ft), 90m(300ft),200m (660ft)

Manufacturing Technology: Three-ply technology and through-the-weave technology without delamination issues

I. D.		Service Pressure	Minimum Burst Pressure*
Inch	mm	(PSI/Bar)	(PSI/Bar)
1"	25	200/14, 220/15, 250/17, 300/21, 400/28	600/42, 660/45, 750/51, 900/63, 1200/84
1 1/2"	38	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2"	50	150/10, 200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
2 1/2"	65	150/10,200/14, 220/15, 250/17, 300/21	450/30, 600/42, 660/45, 750/51, 900/63
3"	75	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
4"	102	150/10 , 200/14	450/30, 600/42
6"	152	100/7, 150/10	300/21, 450/30
8"	204	100/7, 150/10	300/21, 450/30
10"	254	100/7, 150/10	300/21, 450/30
12"	306	100/7, 150/10	300/21, 450/30
16"	408	100/7, 150/10	300/21, 450/30

* Tailored hoses pressure rating and wall thickness are available for customers.

* All above technical parameters are for reference ,details please confirm with ZYfire.



Oroflex -T

Key Words: Nitrile /PVC covered hoses



Tube and cover: Nitrile/PVC Blend, ribbed cover for maximum abrasion resistance. Thick wall.

Reinforcement: 100% virgin high tenacity polyester Jacket

Color: Black, Red, Yellow, Orange, Blue

Package: Rolled, packed in carton or loaded in pallet

Application: Water discharge, Transfers, Drainage, Irrigation installations, Pumping of sludge and liquid fertilizers, Irrigation, Chemical industry, Refineries, Air-pressure *Premium Solution*

Standard length: 15m (50ft), 20m (66ft), 30m (100ft), 60m(200ft), 90m (300ft), 200m (660ft), 300m(990ft)

I. D.		Service Pressure (PSI/Bar)	Minimum Burst Pressure* (PSI/Bar)
Inch	mm		
1"	25	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
1 1/2"	38	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2"	50	250/17, 300/21, 400/28	750/51, 900/63, 1200/84
2 1/2"	65	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
3"	75	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
4"	102	200/14, 220/15, 250/17, 300/21	600/42, 660/45, 750/51, 900/63
6"	152	150/10, 200/14, 220/15, 250/17	450/30, 600/42, 660/45, 750/51
8"	204	150/10, 200/14, 220/15	450/30, 600/42, 660/45
10"	254	150/10, 200/14	450/30, 600/42
12"	306	100/7, 150/10	300/27, 450/30
16"	408	100/7, 150/10	300/27, 450/30

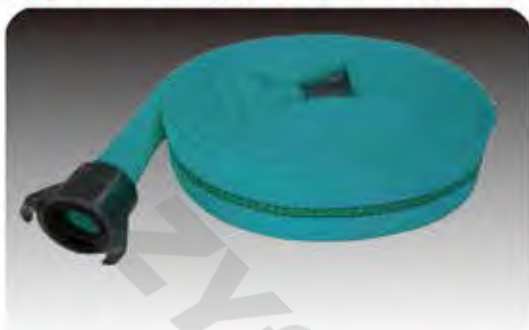
* Tailored hoses pressure rating and wall thickness are available for customers.

* All above technical parameters are for reference ,details please confirm with ZYfire.



Mill-P

Key Words: SJ, PVC lining, Polyester jacket



Jacket: 100% virgin high tenacity polyester Jacket, Single Jacket,
Standard Wall thickness
Lining: PVC tube, white or black
Color: White
Package: Rolled, packed in carton or loaded in pallet
Application: Water discharge, Wash down, Construction pumps,
Cable and sling protection cover, **Economic Solution**
Standard length: 15m (50ft), 20m (66ft), 25m(82ft), 30m (100ft)

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(PSI/Bar)	(PSI/Bar)
1 1/2"	38	120/8, 150/10	360/24, 450/30
1 3/4"	45	120/8, 150/10	360/24, 450/30
2"	50	120/8, 150/10	360/24, 450/30
2 1/2"	65	120/8, 150/10	360/24, 450/30
2 3/4"	70	120/8, 150/10	360/24, 450/30
3"	75	120/8, 150/10	360/24, 450/30
4"	102	120/8, 150/10	360/24, 450/30
6"	152	120/8, 150/10	360/24, 450/30

PVC Layflat Hose

Key Words: PVC Layflat Hose



Tube and Cover: PVC tube
Reinforcement: Braided polyester Jacket
Color: Blue, Red, Yellow
Application: Economic water discharge hoses.
Standard length: 15m (50ft), 20m (66ft), 30m (100ft), 60m(200ft),
90m(300ft)

Notes: PVC layflat hoses without odor

I. D.		Service Pressure	Minimum Burst Pressure
Inch	mm	(Bar)	(Bar)
1"	25	2, 3, 4, 6	5, 7.5, 10, 15
1 1/2"	38	2, 3, 4, 6	5, 7.5, 10, 15
2"	50	2, 3, 4, 6	5, 7.5, 10, 15
2 1/2"	65	2, 3, 4, 6	5, 7.5, 10, 15
3"	75	2, 3, 4, 6	5, 7.5, 10, 15
4"	102	2, 3, 4, 6	5, 7.5, 10, 15
5"	127	2, 3, 4, 6	5, 7.5, 10, 15
6"	152	2, 3, 4, 6	5, 7.5, 10, 15
8"	204	2, 3, 4, 6	5, 7.5, 10, 15

* All above technical parameters are for reference ,details please confirm with ZYfire.

Petroflo

Key Words: PU covered hoses, through-the-weave, copper wire



Tube and cover: PU covered hose, extremely abrasion resistant, embedded with copper wires which conduct static electricity.

Reinforcement: 100% virgin high tenacity polyester Jacket

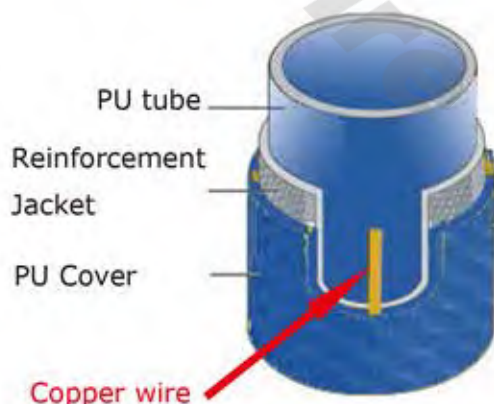
Color: Black, Red, Yellow, Blue

Package: Rolled, packed in carton or loaded in pallet

Application: Petroflo is used for transfer of fuels and other flammable liquids

Standard length: 15m (50ft), 20m (66ft), 30m (100ft), 61m(200ft), 91.5m(300ft), 200m (660ft), 300m(990ft), 400m(1320ft)

Manufacturing Technology: through-the-weave technology without delamination issues



I. D.		Service Pressure	Minimum Burst Pressure*
Inch	mm	(PSI/Bar)	(PSI/Bar)
4"	102	300/21, 450/30	900/63, 1350/90
6"	152	300/21, 450/30	900/63, 1350/90
8"	204	250/17, 300/21	750/51, 900/63
10"	204	250/17, 300/21	750/51, 900/63
12"	204	250/17, 300/21	750/51, 900/63

* Tailored hoses pressure rating and wall thickness are available for customers.

* All above technical parameters are for reference ,details please confirm with ZYfire.



NBR frac water hose (oroflex premium)



Tube and cover: Nitrile/PVC Blend, ribbed cover for maximum abrasion resistance. Thick wall.

Reinforcement: 100% virgin high tenacity polyester Jacket

Color: Black, Red, Yellow, Orange, Blue

Package: Rolled, packed in carton or loaded in pallet

Application: Water discharge, Transfers, Drainage, Irrigation installations, Pumping of sludge and liquid fertilizers, Irrigation, Chemical industry, Refineries, Air-pressure *Premium Solution*

Standard length: 15m (50ft), 20m (66ft), 30m (100ft), 60m(200ft), 90m (300ft), 200m (660ft), 300m(990ft)

Manufacturing Technology: through-the-weave technology without delamination issues

Hose shall be made from 100% high tenacity synthetic yarn circular woven and completely, protected and locked-in by tough highly resistant synthetic nitrile rubber, forming a single homogenous construction without the use of glues or adhesives of any type.

Lining Properties:

a. Ultimate Tensile Strength:

Tensile strength of the lining and cover shall not be less than 1500 psi (10,500 kpa).

b. Ultimate Elongation: 400% minimum.

c. Accelerated Aging Test

The tensile strength and ultimate elongation of the vulcanized rubber compound which has been subjected to the action of oxygen at a pressure of 300 psi +/- 10 psi , (2100kpa +/- 70kpa) and temperature of 70 degrees centigrade +/- 1 degree centigrade (158 F +/- 18 F) for a period of 96 hours shall be , greater than 60% of the original properties stated.

Temperature range: From -30 C deg to 80 C deg (-22 F deg to 176 F deg)

Abrasion Resistance: withstand 101000 cycles.

I.D.		tolerance	Wall	Thickness	Working Pressure	Bursting Pressure	WEIGHT				Elongation at WP %	Expansion at WP %	tensile strength	temperature range	
inches	mm	mm	Inches	mm	PSI	PSI	LBS/FT	tolerance LBS/FT	kgs/m	tolerance kgs/m	max	max	kgs	°C	°F
3"	76	76-78	0.118±0.008	3.0±0.2	200	645	0.67	±0.067	1.0	±0.1	≤5	≤5	8000	-30 +80	-22 +176
4"	102	102-104	0.126±0.012	3.2±0.3	200	600	0.938	±0.067	1.4	±0.1	≤5	≤5	9500		
6"	152	152-154.5	0.126±0.012	3.2±0.3	200	600	1.47	±0.067	2.20	±0.1	≤5	≤5	19500		
6"	152	152-154.5	0.138±0.012	3.5±0.3	250	750	1.68	±0.067	2.50	±0.1	≤5	≤5	21000		
6"	152	152-154.5	0.166±0.012	4.2±0.3	300	900	1.88	±0.134	2.80	±0.2	≤5	≤5	29000		
8"	204	204-207	0.158±0.012	4.0±0.3	200	600	2.40	±0.134	3.58	±0.2	≤5	≤5	35500		
8"	204	204-207	0.166±0.012	4.2±0.3	300	900	2.51	±0.134	3.75	±0.2	≤5	≤5	46000		
8"	204	204-207	0.197±0.012	5.0±0.3	400	1200	2.75	±0.134	4.10	±0.2	≤5	≤5	48000		
10"	254	254-257	0.173±0.016	4.4±0.4	200	600	3.10	±0.134	4.63	±0.2	≤5	≤5	43000		
10"	254	254-257	0.177±0.016	4.5±0.4	300	900	3.35	±0.134	5.00	±0.2	≤5	≤5	78000		
12"	306	306-311	0.177±0.016	4.5±0.4	150	450	4.20	±0.201	6.27	±0.3	≤5	≤5	53000		
12"	306	306-311	0.166±0.016	4.2±0.4	200	600	3.70	±0.201	5.52	±0.3	≤5	≤5	62000		
14"	356	356-360	0.188±0.016	4.8±0.4	150	450	4.89	±0.201	7.30	±0.3	≤5	≤5	63200		
16"	400	406-411	0.188±0.016	4.8±0.4	100	300	4.96	±0.201	7.40	±0.3	≤5	≤5	79800		

* Tailored hoses pressure rating and wall thickness are available for customers.

* All above technical parameters are for reference ,details please confirm with ZYfire.

PU frac water hose (fracflo hose)



Cover and Lining: PU, Ribbed cover or smooth cover

Reinforcement Jacket: High-tenacity synthetic jacket

Color: Blue, Green, Black, Red, Green

Application: Irrigation, Pumping of sludge and liquid fertilizers,
supply or drag hose

Available length: 30m (100ft), 61m(200ft), 91.5m (300ft), 100m (330ft)
200m (660ft), 300m(990ft), 400m(1320ft)

This hose is made from extruded thermoplastic polyether based polyurethane (TPU) with excellent wear & tear properties. The reinforcement is made from circular woven filament polyester yarn. The "extrusion through-the-weave" production method gives a very strong bonding between cover and lining as well as firmly encapsulating the woven polyester.

The hose has high resistance against commonly used chemicals and has excellent resistance to UV radiation, hydrolysis and fungus degradation. The abrasion resistance of the TPU is one of the highest available, making the hose ideal for use in the extremely abrasive environment in open pit mines. The outer cover has been designed with extra thickness in order to add wear & tear material. This extends the useful lifespan of the hose.

Extra abrasion resistance for rugged terrain and extreme conditions

Resistant to oil and chemicals

UV Stabilised

Abrasion: 4000 DIN cycles

This hose can operate in a temperature range from -50 C deg to 80 C deg (-58 F deg to +176 F deg).

I.D.		tolerance	Wall	Thickness	Working Pressure	Bursting Pressure	WEIGHT				Elongation at WP %	Expansion at WP %	tensile strength	temperature range	
Inches	mm	mm	Inches	mm	PSI	PSI	LBS/FT	tolerance LBS/FT	kg/m	tolerance kg/m	max	max	kgs	°C	°F
2"	51	51.0-53.0	0.071±0.008	1.8±0.2	250	750	0.28	±0.067	0.42	±0.1	≤1	≤8	4500	-50 +80	-58 +176
2"	51	51.0-53.0	0.138±0.008	3.5±0.2	410	1230	0.47	±0.067	0.7	±0.1	≤2	≤8	7500		
3"	76	76.0-78.0	0.126±0.012	3.2±0.3	250	750	0.64	±0.067	0.95	±0.1	≤1	≤8	7000		
4"	102	102-104.5	0.110±0.012	2.8±0.3	200	600	0.72	±0.067	1.08	±0.1	≤1	≤8	11000		
4"	102	102-104.5	0.138±0.012	3.5±0.3	300	900	0.87	±0.067	1.30	±0.1	≤1	≤8	16000		
6"	152	152-154.5	0.118±0.012	3.0±0.3	150	450	1.07	±0.067	1.60	±0.1	≤1	≤8	15500		
6"	152	152-154.5	0.150±0.012	3.8±0.3	250	750	1.41	±0.067	2.10	±0.1	≤1	≤8	23000		
6"	152	152-154.5	0.165±0.012	4.2±0.3	300	900	1.74	±0.134	2.60	±0.2	≤2	≤8	35500		
6"	152	152-154.5	0.228±0.016	5.8±0.4	410	1230	2.11	±0.201	3.15	±0.3	≤2	≤8	56000		
6"	152	152-154.5	0.228±0.016	5.8±0.4	610	1830	2.14	±0.201	3.20	±0.3	≤2	≤8	56000		
8"	204	204-207	0.150±0.012	3.8±0.3	200	600	1.94	±0.134	2.90	±0.2	≤1	≤10	31500		
8"	204	204-207	0.177±0.016	4.5±0.4	300	900	2.28	±0.134	3.40	±0.2	≤1	≤10	45400		
10"	254	256-259	0.165±0.016	4.2±0.4	200	600	2.75	±0.134	4.10	±0.2	≤1	≤10	53000		
10"	254	256-259	0.197±0.016	5.0±0.4	300	900	3.75	±0.201	5.60	±0.3	≤2	≤8	84000		
12"	306	306-311	0.165±0.016	4.2±0.4	150	450	3.33	±0.201	4.97	±0.3	≤1	≤8	56000		
12"	306	306-311	0.228±0.0197	5.8±0.5	200	600	4.30	±0.201	6.40	±0.3	≤2	≤8	75000		
14"	356	356-360	0.205±0.0197	5.2±0.5	150	450	4.96	±0.201	7.40	±0.3	≤1	≤8	76000		
16"	406	406-410	0.205±0.0197	5.2±0.5	100	300	5.09	±0.201	7.60	±0.3	≤1	≤10	76000		

* Tailored hoses pressure rating and wall thickness are available for customers.

* All above technical parameters are for reference ,details please confirm with ZYfire.

Glossary

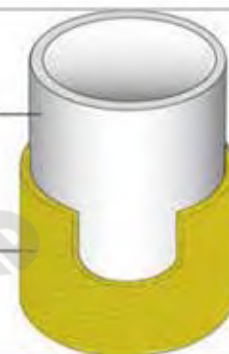
Abrasion resistance	One of the best measures of fire hose durability and longevity. Different standards in geographical area specify measurement methods. Usually a higher number is a better number.
Attack hose	Hose used at pressures above 185 psi (1275 kPa), usually 3" (75 mm) or smaller. Hose designed to be used by trained fire fighters and fire brigade members to combat fires beyond the incipient stage.
Color Coating	Zyfire develop two types of coating technology: PUENCAP and SAENCAP. PUENCAP is a high performance polymeric dispersion. The hoses treated by PUENCAP gain more abrasion resistance, oil resistance, anti-fungi, UV resistance, Ozone resistance, water resistance, cold resistance etc. PUENCAP treatment are suggested for American market. SAENCAP is a high performance SA latex The hoses treated by SAENCAP gain more water resistance. It is an economic coating option.
Coupling	One set or pair of connection devices attached to a fire hose that allow the hose to be interconnected to additional lengths of hose or adapters and other fire-fighting appliances. Usually brass or aluminium materials are used.
EPDM Rubber Lining	Ethylene Propylene Diene Monomer is a synthetic rubber that has excellent inherent resistance to UV and ozone. It is extruded smoothly producing a thinner, flexible lightweight tube. It is slightly thicker than Thermoplastic Urethane(TPU) Liner but yields a hose only minimally heavier and bulkier. The heavier wall gives slightly better kink resistance than Thermoplastic Urethane lined hoses. Usually EPDM rubber has better memory in elasticity and better performance in adhesion.
PU/TPU Lining	Polyurethane (PU)/Thermoplastic Urethane (TPU) is a high performance polyurethane elastomer that can be extruded into a very thin walled tube for use in fire hose. It has a very high tensile strength compared to rubber compounds. Excellent UV and ozone resistance. Remains extremely flexible at low temperatures. It yields an extremely lightweight and compact hose.
Rack Hose/Interior hose	Fire hose designed to be used by the building's occupants to fight incipient fires prior to the arrival of trained fire fighters or fire brigade members.
Warp Yarn	The threads or yarns of a jacket that run lengthwise to the hose. Warp threads protect the filler threads, and absorb 25% of the pressure.
Supply hose	Hose is used at pressures below 185 psi (1275 kPa), usually 3 1/2" (89 mm) or larger. Hose is used for supplying water to fire trucks from pumps or fire hydrants.
Flexible layflat hose	Pu or rubber covered hose.Both are through-the-weave technology without delamination issues.
Service pressure	The pressure to which hose is tested annually to determine if it can remain in service. Service Pressure is one-half the acceptance pressure and at least 10% higher than working pressure.
Weft(filler) Yarn	The yarn run circumferentially around the hose. The threads or yarns of the hose jacket or reinforcement that are helically wound throughout the length of the hose at approximately right angles to the warp threads. Filler threads handle about 75% of the water pressure.

Hose Construction

Single Jacket Hose

Lining:
EPDM, Natural Rubber,
PVC, PU, Neoprene,
Nitrile/PVC blend, etc.

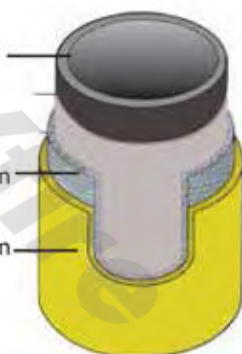
Jacket: Polyester or Nylon



Lining:
EPDM, Natural Rubber,
PVC, PU, Neoprene,
Nitrile/PVC blend, etc.

Inner jacket: Polyester or Nylon

Outer jacket: Polyester or Nylon



Rubber backing (Optional)

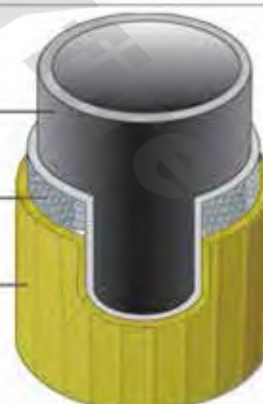
Double Jacket Hose

Rubber/Plastic Covered Hose

Tuber: EPDM, PU, PVC,
Nitrile/PVC blend, etc.

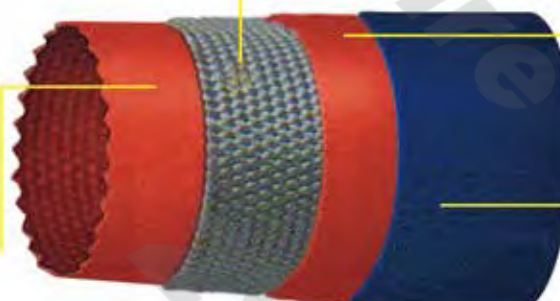
Reinforcement jacket:
Polyester or Nylon

Cover: EPDM, PU, PVC,
Nitrile/PVC blend, etc.



2nd layer: A high-tenacity polyester inner layer with great flexibility and strength.

1st layer: A perfectly smooth, inner nitrile rubber layer completely resistant to the most aggressive liquids.



3rd layer: An inner nitrile rubber layer that protects the fabric.

4th layer: External layer of specially formulated rubber with Hypalon.

Zyfire can manufacture full line of fire hoses, including woven jacket hoses (single jacket hoses and double jacket hoses) and rubber or plastic covered hoses.

FIRE HOSE HOSE WARRANTY**

ZYFIRE warrants its hose to be free of all defects in material and/or workmanship for a period of up to maximum Ten (10) years from the date of purchase. (10 years for EPDM lined hoses, 5 years for Nitrile Rubber covered hoses, 5 years for Neoprene rubber lined hoses, 2 years for PU lined hoses, 1 year for Natural rubber covered hoses).

This warranty is subject to the following:

- 1) ZYfire Fire Hose shall be used only for the sole purpose for which it is manufactured.
- 2) ZYfire Fire Hose shall be protected from undue exposure to heat, light, chemicals, moisture and abrasion.
- 3) ZYfire Fire Hose shall only be returned with authorization. Quality inspections and examination will determine warranty claim. Unauthorized returns will be refused.
- 4) Proper records of annual in service testing should be available for inspection.
- 5) ZYfire Fire Hose will not be held liable for any direct or indirect damages resulting from the installation or use of hose product.
- 6) Buyer shall give notice of any claim under this warranty; further use of hose product will be at owner's risk.
- 7) This warranty does not extend to fire hose or assemblies subjected to misuse, accident, improper application, storage, modification or repair.
- 8) Total liability is limited to the purchase price of the goods involved in the claim of defective material or workmanship.

*Any ZYfire Fire Hose found to be defective due to materials and / or workmanship shall be replaced at no charge.

** ZYfire reserve the right to explain fire hose warranty policy.

ZYfire

Order Instruction

How to order fire hoses from Zyfire?

Most of fire hose distributors in the world are already experienced in distributing fire hoses, which are possibly made in Europe or North America, or some other areas. When you consider to transfer your purchase to Zyfire, you may not know clearly what type of hoses you should purchase from Zyfire.

Here are some guidelines for your reference when you plan to purchase some hoses from Zyfire.

- 1.If you know what hoses to buy, according to application of hoses and your requirements, you can choose hoses from this catalog. Please specify your requirement on jackets, liner, colors, working pressure, couplings, length and quantity.
- 2.If you or your customers bought some types of hoses from some brands before, you can offer us the corresponding part numbers of hoses of these brands. We will know what type of hoses you would like to order. In zyfire website and catalog, all brands of fire hoses are referenced by some other manufacturers' brands.
- 3.If you don't know what to buy, but only know some application and some descriptions on hoses, we can suggest some hoses to you.
- 4.If you have special samples, you can post samples to us, and we can analyze the hoses and produce the same copy of hoses.

Here we are!

You have already find better source of fire hoses in the world!

Fire Hose
& Fittings

**ZYF001****ZYF002****ZYF003****ZYF004****ZYF005****ZYF006****ZYF007****ZYF008****ZYF009****ZYC001****ZYC002****ZYC003****ZYC004****ZYC005****ZYC006****ZYC007****ZYC008**



ZYC009



ZYC010



ZYC011



ZYC012



ZYC013



ZYC014



ZYC015



ZYC016



ZYC017



ZYC019



ZYC020



ZYC021



ZYC022



ZYC023



ZYC024



ZYC025



ZYB01



ZYB02



ZYB03



ZYB04



ZYB05



ZYB06



ZYB07



ZYB08



ZYB09



ZYB10



ZYB11



ZYB12



ZYB13



ZYB14



ZYB15



ZYB16



ZYB17



ZYB18



ZYB19



ZYB20



ZYN01



ZYN02



ZYN03



ZYN04



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ZYL001



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ZYL003



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ZYD001



ZYD002



ZYD003



ZYD004



ZYD005



ZYD006



ZYD007



ZYD008



ZYD009



ZYD010



ZYD011



ZYD012



Certificate of Compliance

This certificate is issued for the following:

Approval of Single and Double Jacket Fire Hose

Models Rack-U, Rack-D, Sintack-U, Sintack-D, Twintack-U, and Twintack-D

Prepared for:

Zhongyu Fire-Fighting Equipment Co. Ltd.
Kaiyang Road
Jiangyan Economic Development Zone
Jiangyan, Jiangsu, 225500
China

Manufactured at:

Zhongyu Fire-Fighting Equipment Co. Ltd.
Kaiyang Road
Jiangyan Economic Development Zone
Jiangyan, Jiangsu, 225500
China

FM Approvals Class: 2111

Approval Identification: 3042962

Approval Granted: April 5, 2013

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

Richard B. Dunne
Group Manager - Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



TECHNICKÝ SKÚŠOBNÝ ÚSTAV PESTANY, s.p.
Certifikačný orgán certifikujúci výrobky
Krajinská cesta 2929/9
821 01 Pešťany, Slovenská republika



CERTIFICATE

No. 0028/104/2015

Manufacturer: TAGZHOU ZHONGYU FIRE-FIGHTING EQUIPMENT CO., LTD.
Kaiyang Road, Jiangyan City Jiangsu, China

Product: Non-percolating layflat fire hose C 82, D 25

Type: Zyfire P25
Zyfire P52

This certificate confirms the compliance of the product type characteristics with the technical requirements given in:

EN 14540: 2014

The certificate has been issued on the basis of the tests of the product type sample. The results are recorded in the Report of Conformity assessment report No. 150500115 dated 30.11.2015.

Issue date: 30.11.2015

Expiry date: 29.11.2018

Issue: 1



Ing. Dušan Hrnko
Head of Product Certification Body



TECHNICKÝ SKÚŠOBNÝ ÚSTAV PESTANY, s.p.
Certifikačný orgán certifikujúci výrobky
Krajinská cesta 2929/9
821 01 Pešťany, Slovenská republika



CERTIFICATE

No. 0027/104/2015

Manufacturer: TAGZHOU ZHONGYU FIRE-FIGHTING EQUIPMENT CO., LTD.
Kaiyang Road, Jiangyan City Jiangsu, China

Product: Semi rigid hose for fixed nozzles, d = 18, type - class: B-4

Type: Zyfire SR18

This certificate confirms the compliance of the product type characteristics with the technical requirements given in:

EN 694: 2014

The certificate has been issued on the basis of the tests of the product type sample. The results are recorded in the Report of Conformity assessment report No. 150500115 dated 30.11.2015.

Issue date: 30.11.2015

Expiry date: 29.11.2018

Issue: 1



Ing. Dušan Hrnko
Head of Product Certification Body



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