



SUZHOU SEAPEAK CO., LTD.

PVC Layflat Hose

PVC layflat hoses are used as the main hose/pipe for drip irrigation. The size is mainly 4" and 6". The working pressure of PVC layflat discharge hose is generally above 4 bar. At the same time, when pumping water, pvc water hoses are also used. The hoses are mainly 1.5, 2" and 3".



❖ Technical Data of PVC Layflat Hose

Normal size: 3/4", 1", 1 1/2", 2", 2 1/2", 3", 4", 5", 6", 8", 10", 12", 14" and 16".

Working pressure: 4 kg, 6 kg, 8 kg.

Bright color, red, blue, green, orange colors can be customized production.

The mid layer of PVC layflat hose is braided with high-strength polyester filament, and the lining is made of high-quality PVC. This lining has good anti-aging performance, a relatively long service life, and a low frequency of replacement.

PVC layflat hose has a wide range of uses, and can be applied to farmland irrigation, engineering drainage, and sewage. Anti-freeze and explosion-proof, can be used at minus 5 degrees. Different from fire-fighting belt, this hose is made of through the weave, which makes the bonding stronger. The pressure is slightly lower than the fire hose. The PVC layflat hose is easy to clean during use and not afraid of rubbing.



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❖ Precautions for Using PVC Layflat Hose

PVC layflat hose must comply with the hose parameters in use to ensure the durability of the double-sided adhesive coated hose. In addition, pay attention to:

When laying pvc layflat, if you need to pass the railway, you should pass under the rails to avoid unnecessary danger of car accidents;

The hose should be cleaned, the lining hose should be hung in the sun, and then coiled and stored in a cool and dry place;

Our pvc layflat hoses must comply with the quality standards of the hose, and try to avoid the hose working under high pressure beyond its own pressure range.

In the process of using the hose, try to avoid wrinkles and dead bends, and try to reduce the pressure of the blue hose during the work.

These are the parameters of the PVC layflat hose and the precautions for use. Only with this knowledge can the selection and use be more correct and the operation more efficient and faster.

❖ Extra Heavy PVC Layflat Hose

Construction: 3-ply polyester yarns. both tube and cover are extruded simultaneously to obtain maximum bonding.

Color: blue, brown, red, orange, black, green, yellow and so on.

Standard length: 20m, 25m, 30m, 40m, 50m, 100m, 25ft, 50ft, 100ft, 300ft

Characteristic: light weight, tough and economical, coils flat for easy storage, Temp. range: -5°f to 170°f

Applications: mines, construction, irrigation, common water supply and delivery etc.

Caution: for liability purposes, if temperature exceeds 110°f, the working pressure will go down. Please check with factory to ensure sufficient safety factor.



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❖ Specifications of PVC Layflat Hose

NOMINAL SIZE	I.D.	PART #	W.P. (PSI)	B.P. (PSI)
1"	1.04"	PVCLAY-25-EH	120,150	360,450
1 1/4"	1.3"	PVCLAY-32-EH	120,150	360,450
1 1/2"	1.56"	PVCLAY-38-EH	120,150	360,450
2"	2.09"	PVCLAY-51-EH	120,150	360,450
2 1/2"	2.57"	PVCLAY-64-EH	120,150	360,450
3"	3.07"	PVCLAY-76-EH	120,150	360,450
4"	4.10"	PVCLAY-102-EH	120,150	360,450
5"	5.07"	PVCLAY-127-EH	120,150	360,450
6"	6.16"	PVCLAY-152-EH	120,150	360,450
8"	8.17"	PVCLAY-203-EH	120,150	360,450
10"	10.2"	PVCLAY-254-EH	120,150	360,450
12"	12.21"	PVCLAY-305-EH	120,150	360,450



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❖ Specifications of Heavy PVC Layflat Hose

NOMINAL SIZE	I.D.	PART #	W.P. (PSI)	B.P. (PSI)
1"	1.04"	PVCLAY-25-H	80,100	240,300
1 1/4"	1.3"	PVCLAY-32-H	80,100	240,300
1 1/2"	1.56"	PVCLAY-38-H	80,100	240,300
2"	2.09"	PVCLAY-51-H	80,100	240,300
2 1/2"	2.57"	PVCLAY-64-H	80,100	240,300
2 3/4"	2.76"	PVCLAY-70-L	80,100	240,300
3"	3.07"	PVCLAY-76-H	80,100	240,300
3 1/2"	3.54"	PVCLAY-90-L	80,100	240,300
4"	4.10"	PVCLAY-102-H	80,100	240,300
5"	5.07"	PVCLAY-127-H	80,100	240,300
6"	6.16"	PVCLAY-152-H	80,100	240,300
8"	8.17"	PVCLAY-203-H	80,100	240,300
10"	10.2"	PVCLAY-254-H	100	300

Construction: 3-ply polyester yarns. both tube and cover are extruded simultaneously to obtain maximum bonding.

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Characteristic: light weight,tough and economical, coils flat for easy storage, Temp. range: -5°f to 170°f

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❖ Specifications of Light PVC Layflat Hose

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NOMINAL SIZE	PART #	W.P. (PSI)	B.P. (PSI)
1"	PVCLAY-25-L	45,60	135,180
1 1/4"	PVCLAY-32-L	45,60	135,180
1 1/2"	PVCLAY-38-L	45,60	135,180
2"	PVCLAY-51-L	45,60	135,180
2 1/2"	PVCLAY-64-L	45,60	135,180
2 3/4"	PVCLAY-70-L	45,60	135,180
3"	PVCLAY-76-L	45,60	135,180
3 1/2"	PVCLAY-90-L	45,60	135,180
4"	PVCLAY-102-L	45,60	135,180
5"	PVCLAY-127-L	45,60	135,180
6"	PVCLAY-152-L	45,60	135,180
8"	PVCLAY-203-L	45,60	135,180
10"	PVCLAY-254-L	40	120
12"	PVCLAY-305-L	30	90
14"	PVCLAY-356-L	30	90
16"	PVCLAY-40	30	90



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Characteristic: light weight,tough and economical, coils flat for easy storage,
Temp. range: -5°f to 170°f

Applications: mines, construction, irrigation, common water supply and delivery etc.

Caution: for liability purposes, if temperature exceeds 110°f the working pressure will go down.

Storage: keep in dry place, etc.

Shelf life of product: 2 years

❖ Related Irrigation Pipes Recommendation

		
Irrigation PE Pipe	PE Layflat Hose	Irrigation PVC Pipe



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