

Backflex™

TPE-P Layflat Flexible Pipe Designed for flowback water hose.



Backflex is one type of through-the-weave TPE-P covered hose which is made of TPE-P materials approved according to NSF 61 standard. Backflex hoses shall be made from 100% high tenacity virgin synthetic yarn circular woven and completely, totally embedded in the TPE-P compound, excellent protected against mechanical damage, forming a single homogenous construction without the use of any glues or adhesives of any type. Backflex performs excellently in age-resistance. It is theoretically supposed to be used for 30-50 years. Backflex is a **press-flat** hose and can keep round shape under the condition of no pressure. Backflex hoses can be pressed flat and can be easily laid down and retrieved as layflat hoses.

Application: Suitable for use and recommended for flowback water transfer, mining dewatering, long-distance fresh water transfer.

Inner tube and cover: Smooth TPE-P cover and tube.
Reinforcement: Circular woven polyester jacket

Operating Temperature Range: From -60° F to 176° F (-50° C to 80° C)

Standard Color: Blue, black, other colors available per request

Standard Length: 300ft/91.5m, 330ft/100m, 660ft/200m; other lengths available per request;

Couplings: Storz couplings, Camlocks etc.



Recommended for:

- Flowback Water Transfer Solutions
- Pipe rehabilitation
- By-pass Water Transfer Solution etc.

Backflex™

ID		Wall Thickness		Weight		Working Pressure	Bursting Pressure
Inch	mm	Inch	mm	lbs/ft	kg/m	PSI/bar	PSI/bar
2"	52+1.5	0.10"	2.4	0.35	0.52	300PSI/21bar	900PSI/63bar
3"	77+2.0	0.10"	2.5	0.61	0.90	250PSI/17bar	750PSI/51bar
4"	104+2.0	0.13"	3.0	0.89	1.33	250PSI/17bar	750PSI/51bar
6"	155+2.5	0.15"	3.8	1.60	2.38	200PSI/14bar	600PSI/42bar
8"	204+3.0	0.17"	4.3	2.17	3.23	200PSI/14bar	600PSI/42bar