

HIGH DENSITY. HIGH SAVINGS.

CERTIFIED TO CSA/NSF

LIGHTWEIGHT

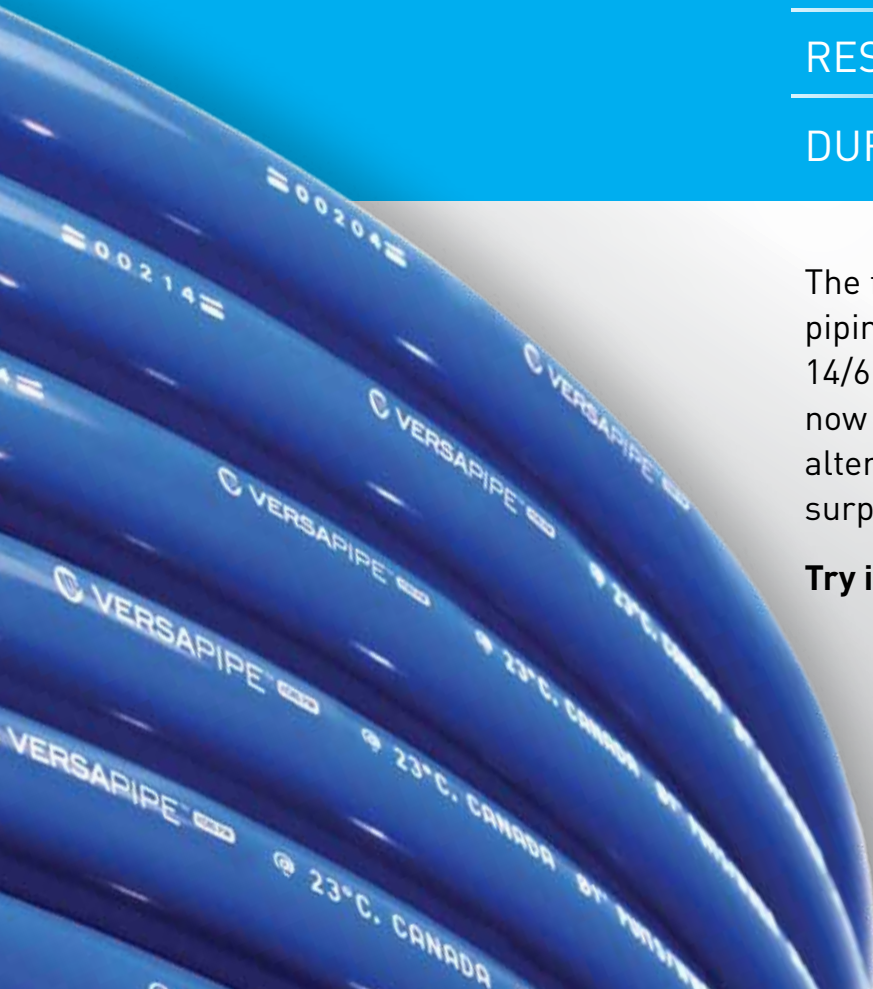
RESISTANT

DURABLE



The first high-density blue water well piping certified to CSA B137.1 and NSF 14/61 in Canada, Versapipe HD80 PW is now an essential, efficient, and reliable alternative to low-density pipe, and it is surprisingly low in cost.

Try it! Versapipe is worth it.



Low-cost CSA/NSF approved blue water pipe

There are many benefits when you select Versapipe HD80 PW. The piping is manufactured from non-toxic premium food grade resin, and is certified to CSA B137.1 and NSF 14/61, ensuring long-term mechanical performance. Versapipe HD80 PW gives you more for less.

High quality that lasts

Versapipe HD80 PW is made of high-density Polyethylene resin, delivering a better resistance to stress than low-density piping currently available in the market. Both lightweight and durable, our HD80 PW piping sustains warm water and high pressure.

Product specifications

Nominal dimensions	Density kg/cm ³	Average ID (in)	Pipe volume per ft (US Gallon)	Average wall thickness (in)	Average weight lbs/100ft.	Average weight kg/ft.
SIDR 7 (200 PSI) 3408/3608						
1"	0,945	1,049	0,045	0,160	25,134	0,114
SIDR 9 (160 PSI) 3408/3608						
1"	0,945	1,049	0,045	0,127	19,405	0,088

* Available in 300, 400 coils and 1500 reels.

Raw material properties

Property	ASTM	Typical Values	
	Test Method	Imperial Units	SI Units
Density (natural)	D 1505	-	0.945 g/c3
Melt Index	D 1238	-	8 g/10min
Tensile Strength at Yield	D 638	3,300 psi	22.7 MPa
Elongation at Break	D 638	> 800%	> 800%
Flexural Modulus	D 790	125,000 psi	861 MPa
IZOD Impact Strength, notched	D 256	> 11.0 ft-lb./in.	> 590 J/m
Brittleness Temperature	D 746	< -100°F	< -78°C
Hydrostatic Design Basis			
@ 23°C	D 2837	1,600 psi	11.0 MPa
@ 60°C	D 2837	800 psi	5.5 MPa
Environmental Stress Crack Resistance	D 1693	>1,000 h	>1,000 h
	[C Condition]		
PENT	F 1473	>100 h	>100 h
UV Protection Concentration (by weight)	-	-	0,50%

About Versaprofiles

Versaprofiles specializes in value-added thermoplastic extrusion manufacturing. Our company is a spin-off of IPL, the largest manufacturer of thermoplastic in Canada. We are a growing manufacturer of HDPE pipe, capable of making diameters from 3/4" to 8", in numerous stick and coil lengths and various colors. We are active in many markets, including geothermal, water, gas distribution, and maple sap. We also offer engineered custom profiles capabilities. At Versaprofiles we are committed to finding solutions to your complex extrusion projects.



cNSFus pw certified to CSA B137.1 ASTM D2239 NSF14/61 AWWA C901

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