

## AquaSeal PEX-B Red Plumbing Pipe

# AquaSeal

JOB		REPRESENTATIVE	
ENGINEER		ORDER #	DATE
CONTRACTOR		SUBMITTED BY	DATE
PAGE #		APPROVED BY	DATE

Qty/Length	Part #	Pipe OD	SDR	Comments
			9	
			9	

### PEX-B 21000 Series Plumbing Pipe Non Barrier

AquaSeal Pex-B pipes are manufactured from special HDPE resins. The cross-linking is performed in a state of the art Silane accelerator post extrusion resulting in an excellent and even cross-linking. The cross-linking renders the pipe improved mechanical process such as resistance to corrosion, pressures at high temperature, superb abrasion and chemical resistance. Products are manufactured in white, red, and blue colors. AquaSeal Pex-B pipes can be used with the following ASTM fitting systems; F2159, F1807, F1960, and F2080. Twenty-Five year manufacturers warranty applies.



Technical Data		Value	Unit	Test Standard	Manufacturing Standards	
Density		945	kg/m <sup>3</sup>	ASTM F-876	ASTM	F-876/F-877
Impact Strength (at 20°C) (at 100°C)		No Failure No Failure	KJ/m <sup>2</sup> KJ/m <sup>2</sup>	DIN 53453	ASTM	F-2023 Chlorine
Elongation at break (at 20°C) (at 100°C)		350-550 500-700	%	DIN 53455	ASTM	E-84
Tensile Strength (at 20°) (at 100°C)		23-26 9-13	N/mm <sup>2</sup> N/mm <sup>2</sup>	DIN 53455	CSA	B137.5/LM101713
Max. Op. Temperature		203°F @ 90 PSI (95°C @ 6 bar)			DIN	4726/9
Pressure Tested		290 PSI (20bar)			IAPMO	C
					ICBO	ES ER-5258
					NSF	61

Description	Nominal Size	Average OD	Minum Wall Thickness	Weight lbs/ ft	Capacity Gal/ft	Bend Radius
21205 Red PEX-B Pipe 20'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
21105 Red PEX-B Pipe 100'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
21305 Red PEX-B Pipe 300'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
21905 Red PEX-B Pipe 1000'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
21222 Red PEX-B Pipe 20'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
21122 Red PEX-B Pipe 100'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
21322 Red PEX-B Pipe 300'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
21228 Red PEX-B Pipe 20'	1"	1.125	0.125"	0.17	0.0316	5.75"
21128 Red PEX-B Pipe 100'	1"	1.125	0.125"	0.17	0.0316	5.75"

## AquaSeal PEX-B White Plumbing Pipe

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Description	Nominal Size	Average OD	Minum Wall Thickness	Weight lbs/ ft	Capacity Gal/ft	Bend Radius
29205 White PEX-B Pipe 20'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
29105 White PEX-B Pipe 100'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
29305 White PEX-B Pipe 300'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
29905 White PEX-B Pipe 1000'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
29222 White PEX-B Pipe 20'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
29122 White PEX-B Pipe 100'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
29322 White PEX-B Pipe 300'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
29228 White PEX-B Pipe 20'	1"	1.125	0.125"	0.17	0.0316	5.75"
29128 White PEX-B Pipe 100'	1"	1.125	0.125"	0.17	0.0316	5.75"



## AquaSeal PEX-B Blue Plumbing Pipe

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			9	
			9	

Description	Nominal Size	Average OD	Minum Wall Thickness	Weight lbs/ ft	Capacity Gal/ft	Bend Radius
20205 Blue PEX-B Pipe 20'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
20105 Blue PEX-B Pipe 100'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
20305 Blue PEX-B Pipe 300'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
20905 Blue PEX-B Pipe 1000'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
20222 Blue PEX-B Pipe 20'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
20122 Blue PEX-B Pipe 100'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
20322 Blue PEX-B Pipe 300'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
20228 Blue PEX-B Pipe 20'	1"	1.125	0.125"	0.17	0.0316	5.75"
20128 Blue PEX-B Pipe 100'	1"	1.125	0.125"	0.17	0.0316	5.75"



AQSL PEX-B 21000 PLBG