

## AquaSeal PEX-A Blue 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-A 20000 Series Plumbing Pipe Non Barrier

The AquaSeal Pex-A pipes are produced from special HMW-HDPE resins. The crosslinking is performed (peroxide method) during the production process, resulting in irreversible cross-links between adjacent P.E. chains. The crosslinking process renders the pipe improved mechanical process such as; resistance to corrosion and pressure at high temperature, exceptional high abrasion and superb chemical resistance, and excellent longevity at high temperatures. Pex-A pipes are compatible with the following ASTM connection systems; F1960, 2080, 02159, 1807. Product is uncoated in Natural, Red and Blue colors. Covered by a twenty-five year manufacturers warranty.



Technical Data	Value	Unit	Test Standard	Manufacturing Standards	
Density	938	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	E-84 FLAME SPREAD
Elongation at break (at 20°C) (at 100°C)	350-550 500-700	%	DIN 53455	ASTM	5106 CHLORINE / UV
Tensile Strength (at 20°) (at 100°C)	20-26 9-13	N/mm <sup>2</sup> N/mm <sup>2</sup>	DIN 53455	ASTM	F-1960 / F-2080
Max. Op. Temperature	203°F @ 90 PSI (95°C @ 6 bar)			CSA	B137.5 / LM101713
Pressure Tested	290 PSI (20bar)			DIN	4726 / 9
				IAPMO	C
				ICBO	ES ER-5258
				NSF	61-PW-G / 14 / RFH

Description	Nominal Size	Average OD	Minum Wall Thickness	Weight lbs/ ft	Capacity Gal/ft	Bend Radius
20312A Blue PEX-A Pipe 20'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
20205A Blue PEX-A Pipe 100'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
20105A Blue PEX-A Pipe 300'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
20305A Blue PEX-A Pipe 1000'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
20905A Blue PEX-A Pipe 20'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
20222A Blue PEX-A Pipe 100'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
20122A Blue PEX-A Pipe 300'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
20322A Blue PEX-A Pipe 20'	1"	1.125	0.125"	0.17	0.0316	5.75"
20228A Blue PEX-A Pipe 100'	1"	1.125	0.125"	0.17	0.0316	5.75"