

AquaSeal PEX-A Red Plumbing Pipe

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

Qty/Length	Part #	Pipe OD	SDR	Comments
			9	
			9	

PEX-A 21000 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, 2159, 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 ³	ASTM F-876	ASTM	F-876 / F-877
Impact Strength (at 20°C) (at 100°C)		No Failure No Failure	KJ/m ² KJ/m ²	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°C) (at 100°C)		20-26 9-13	N/mm ² N/mm ²	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
21312A Red PEX-A Pipe 20'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
21205A Red PEX-A Pipe 100'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
21105A Red PEX-A Pipe 300'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
21305A Red PEX-A Pipe 1000'	1/2"	0.625	0.070"	0.06	0.0098	3.25"
21905A Red PEX-A Pipe 20'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
21222A Red PEX-A Pipe 100'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
21122A Red PEX-A Pipe 300'	3/4"	0.875	0.097"	0.10	0.0189	4.50"
21322A Red PEX-A Pipe 20'	1"	1.125	0.125"	0.17	0.0316	5.75"
21228A Red PEX-A Pipe 100'	1"	1.125	0.125"	0.17	0.0316	5.75"