

AquaSeal PEX-C Plumbing Pipe

AquaSeal

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

Qty/Length	Part #	Pipe OD	SDR	Comments
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			9	

PEX-C Plumbing Pipe Non Barrier

The AquaSeal Pex-C pipes are produced from special HMW-HDPE resins. The crosslinking is performed in a state of the art E-beam accelerator after the production process, resulting in irreversible cross-links between adjacent PE 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. Product is manufactured in Natural, Red and Blue colors. Covered by a twenty-five year manufacturers warranty.



Technical Data	Value	Unit	Test Standard
Density	945	kg/m ³	ASTM F-876
Impact Strength (at 20°C) (at 100°C)	No Failure No Failure	kJ/m ² KJ/m ²	DIN 53453
Elongation at break (at 20°C) (at 100°C)	350-550 500-700	%	DIN 53455
Tensile Strength (at 20°) (at 100°C)	23-26 9-13	N/mm ² N/mm ²	DIN 53455
Max. Op. Temperature	203°F @ 90 PSI (95°C @ 6 bar)		
Pressure Tested	290 PSI (20bar)		

Manufacturing Standards	
ASTM	F-876/F-877
ASTM	F-2023 Chlorine
ASTM	E-84
CSA	B137.5/LM101713
DIN	4726/9
IAPMO	C
ICBO	ES ER-5258
NSF	61

Description	Natural Part #	Red Part #	Blue Part #	Coil Length
PEX-C 1/4" X 20'	99125	NA	NA	100'
PEX-C 1/2" X 20'	99205	21205	20205	20'
PEX-C 1/2" X 100'	99105	21105	20105	100'
PEX-C 1/2" X 300'	99305	21305	20305	300'
PEX-C 1/2" X 1000'	99905	21905	20905	1000'
PEX-C 3/4" X 20'	99222	21222	20222	20'
PEX-C 3/4" X 100'	99122	21122	20122	100'
PEX-C 3/4" X 300'	99322	21322	20322	300'
PEX-C 1" X 20'	99228	21228	20228	20'
PEX-C 1" X 100' Service Pipe	99128	21128	20128	100'

Minimum Bending Radii (@ 68°F/20°C)	
3/8"	2 1/4" (57mm)
1/2"	3" (77mm)
5/8"	3 3/4" (95mm)
3/4"	4 1/2" (115mm)
1"	6" (153mm)

AQSL PEX-C PLBG Sub2.1