

AquaHeat Red PEX-A Heating Pipe

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

Qty/Length	Part #	Pipe OD	SDR	Comments
			9	
			9	

Red PEX-A Heating Pipe with O₂ Diffusion Barrier

The AquaHeat 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. Product is coated with oxygen EVOH diffusion barrier which prevents oxygen from entering the heating system through the pipe wall. **Covered by a thirty year manufacturers warranty.**



Technical Data	Value	Unit	Test Standard
Density	938	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)	20-26 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	E-84 FLAME SPREAD
ASTM	5106 CHLORINE / UV
ASTM	F-1960 / F-2080
CSA	B137.5 / LM101713
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
97005 Red PEX-A With O ₂ Diffusion Barrier	1/2" x 100'	0.625	0.070"	0.06	0.0098	3.25"
97305 Red PEX-A With O ₂ Diffusion Barrier	1/2" x 300'	0.625	0.070"	0.06	0.0098	3.25"
97505 Red PEX-A With O ₂ Diffusion Barrier	1/2" x 500'	0.625	0.070"	0.06	0.0098	3.25"
97105 Red PEX-A With O ₂ Diffusion Barrier	1/2" x 1,000'	0.625	0.070"	0.06	0.0098	3.25"
97519 Red PEX-A With O ₂ Diffusion Barrier	5/8" x 500'	0.725	0.083"	0.08	0.0134	3.75"
97119 Red PEX-A With O ₂ Diffusion Barrier	5/8" x 1,000'	0.725	0.083"	0.08	0.0134	3.75"
97222 Red PEX-A With O ₂ Diffusion Barrier	3/4" x 20'	0.875	0.097"	0.10	0.0189	4.50"
97102 Red PEX-A With O ₂ Diffusion Barrier	3/4" x 100'	0.875	0.097"	0.10	0.0189	4.50"
97322 Red PEX-A With O ₂ Diffusion Barrier	3/4" x 300'	0.875	0.097"	0.10	0.0189	4.50"
97228 Red PEX-A With O ₂ Diffusion Barrier	1" x 20'	1.125	0.125"	0.17	0.0316	5.75"
97128 Red PEX-A With O ₂ Diffusion Barrier	1" x 100'	1.125	0.125"	0.17	0.0316	5.75"