ComfortPro Systems

AquaHeat PEX-A Large Diameter Heating Pipe

AquaHeat

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

Qty/Length	Part #	Pipe OD	SDR	Comments
			11	
			11	

Natural PEX-A Large Diameter Heating Pipe with O_2 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 diffusion barrier which prevents oxygen from entering the heating system through the pipe wall. Covered by a twenty-five 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) (at100°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
Presure Temperature Characteristics	203°F @ 87 PSI (95°C @ 6 bar) 68°F @ 217.5 PSI (20°C @ 15 bar)		
Pressure Tested	290 PSI (20bar)		

Manufacturing Standards	
ASTM	F-876/F-877
ASTM	E-84
ASTM	F-1960/F2080
CSA	B137.5/LM101713
DIN	4726/9
IAPMO	C
ICBO	ES ER-5258
NSF	61 / RFH / 14

Description	OD mm	Nominal in	SDR	Weight lbs/ ft	Wall Thickness in
94040 PEX-A Pipe with O_2 Diffusion Barrier (*)	40	1-1/4"	11	.282	.146
94050 PEX-A Pipe with O_2 Diffusion Barrier (*)	50	1-1/2"	11	.437	.181
94063 PEX-A Pipe with O_2 Diffusion Barrier (*)	63	2"	11	.692	.228
94075 PEX-A Pipe with O_2 Diffusion Barrier (*)	75	2-1/2"	11	.9679	.268
94090 PEX-A Pipe with O_2 Diffusion Barrier (*)	90	3"	11	1.49	.323
94110 PEX-A Pipe with O_2 Diffusion Barrier (*)	110	4"	11	2.09	.394

(*) Sold per foot, please specify length

AQHT PEX-A LRG DIA 2016