

AquaHeat PEX-C Black UV Protected Pipe

AquaHeat

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

Qty/Length	Part #	Pipe OD	SDR	Comments
			9	
			9	

Natural PEX-C UV Protected Non Barrier Pipe

The AquaHeat 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 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. AquaHeat UV Black snowmelt pipe without O₂ Barrier is for use in non-ferrous, or inhibited systems where protection from ultraviolet light is desired. 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	E-84
CSA	B137.5/LM101713
DIN	4726/9
IAPMO	C
ICBO	ES ER-5258
NSF	61

Minimum Bending Radius (@ 68°F/20°C)	
5/8"	3 3/4" (95mm)
3/4"	4 1/2" (115mm)

Product Description	OD	Part #	Coil Length
Black UV PEX-C Non Barrier	5/8"	96419	450'
Black UV PEX-C Non Barrier	5/8"	96119	1000'
Black UV PEX-C Non Barrier	3/4"	98322	300'
Black UV PEX-C Non Barrier	3/4"	96122	1000'