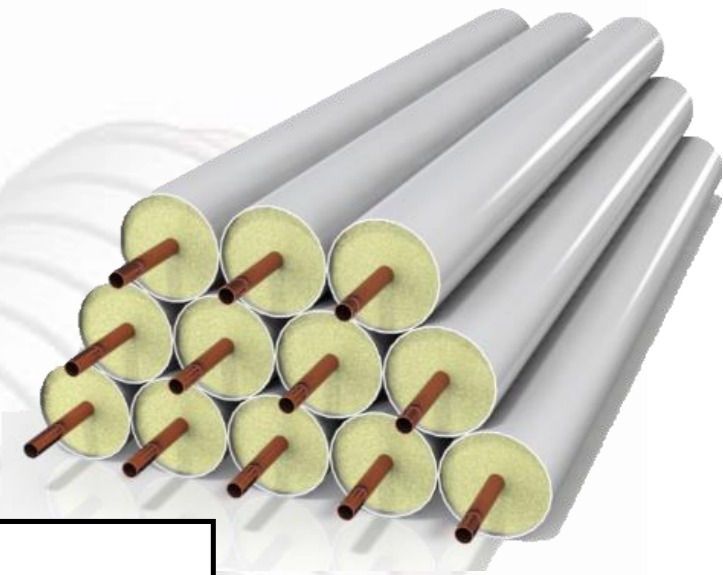


# iH<sup>2</sup>O INSULATED PIPE



## iH2O PRE-INSULATED REFRIGERANT COPPER TUBE

Service Pipe Material: Copper (k = 325 W/m <sup>o</sup> K)		Service Pipe Diameter				Casing DN150 PVC Stormwater Pipe		Dry mass of iH2O pre- insulated pipe* (kg/m)
Insulation Material: DPE1783R PUR (k = 0.024 W/m <sup>o</sup> K)		OD (mm)	OD (in)	Wall Thickness <sup>#</sup> (mm)	NB (mm)	PUR_Thk (mm)	R-Value (m <sup>2</sup> K/W)	
Casing Material: PVC (k = 0.28 W/m <sup>o</sup> K)								
		6.35	1/4"	0.81	4.7	71.8	9.80	1.7
		7.94	5/16"	0.81	6.3	71.0	9.1	1.7
		9.52	3/8"	0.81	7.9	70.2	8.55	1.8
		12.7	1/2"	0.81	11.1	68.7	7.65	1.8
		15.88	5/8"	1.02	13.8	67.1	6.96	2.0
		19.05	3/4"	1.14	16.8	65.5	6.40	2.1
		22.22	7/8"	1.4	19.4	63.9	5.92	2.4
		25.4	1"	1.63	22.1	62.3	5.50	2.6
		28.6	1 1/8"	1.83	24.9	60.7	5.14	2.9
		31.75	1 1/4"	2.03	27.7	59.1	4.81	3.2
		34.92	1 3/8"	2.03	30.9	57.5	4.52	3.4
		38.1	1 1/2"	2.29	33.5	56.0	4.25	3.8
		41.3	1 5/8"	2.41	36.5	54.4	4.00	4.1

\*Dry mass of insulated pipe = Service pipe mass + PUR insulation mass + Casing mass

# R410A High pressure compatible

