

ALUTHERM

New From **World Plastics.**

World Plastics is a leading company in the development and manufacture of advanced plastics piping systems. Our uniquely extensive range of large and small bore piping systems are capable of handling a wide variety of materials in industrial and domestic applications including water, fluid waste, gas and chemicals, World Plastics also produces piping systems for electrical installations, pipes are made from high quality raw materials and are manufactured on some of the most advanced machinery in the world to the most existing standards. Our commitment to quality also extends to customer service. You will find us more than willing to help with the design of installations and can advise on the development of piping systems to meet particular needs.



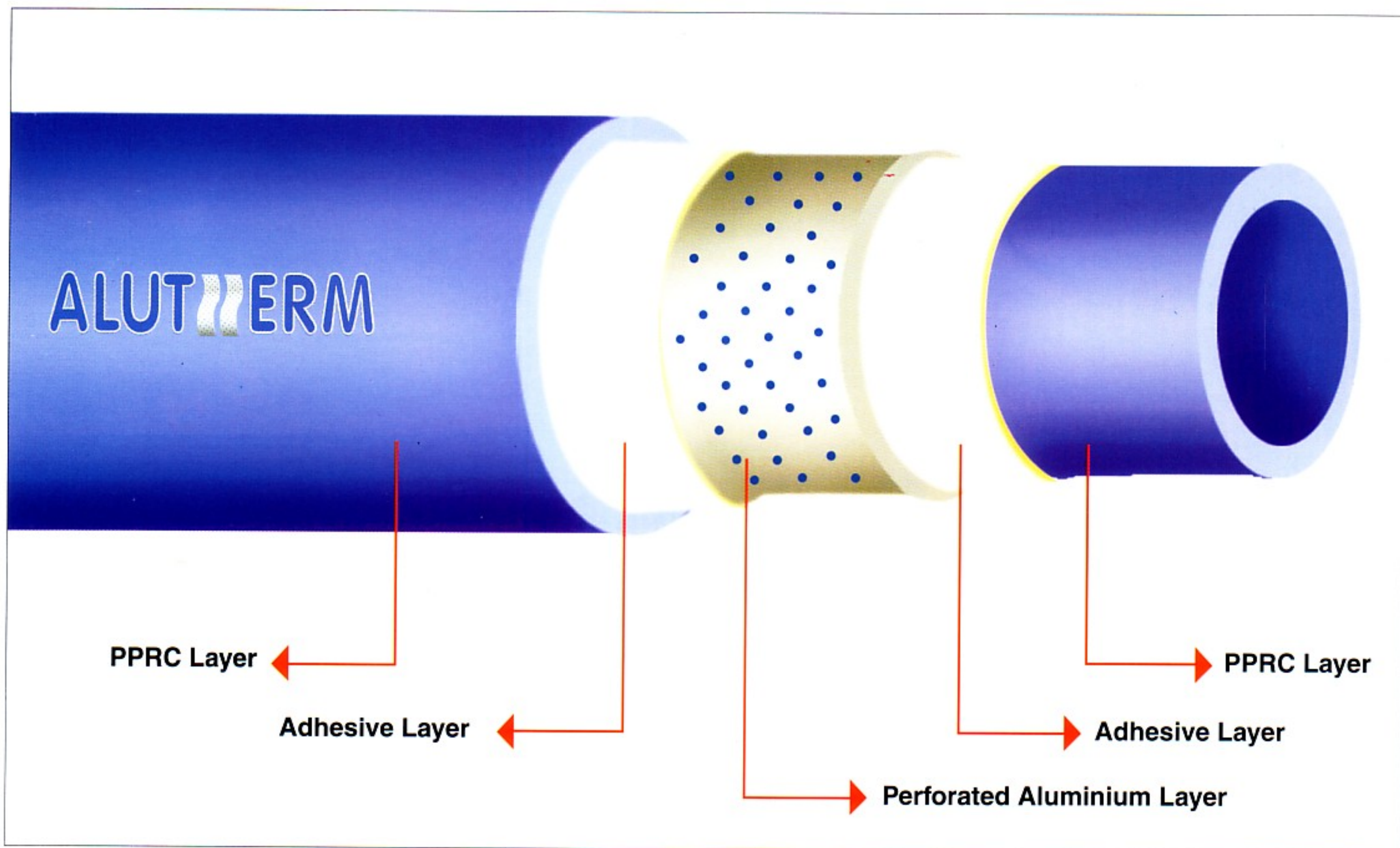
WHY **ALUTHERM**



- 1- because easy bending to any shape of installation.
- 2- because Low thermal expansion, The sheet of **Aluminium** helps to keep the pipe's thermal expansion coefficient low.
- 3- because Facilitating installations outside walls or Floors.
- 4- because the high shear strength, **PPRC + Aluminium** give greater shear to protect the pipe from outside effects.







## Dimensions Of ALUTHERM.

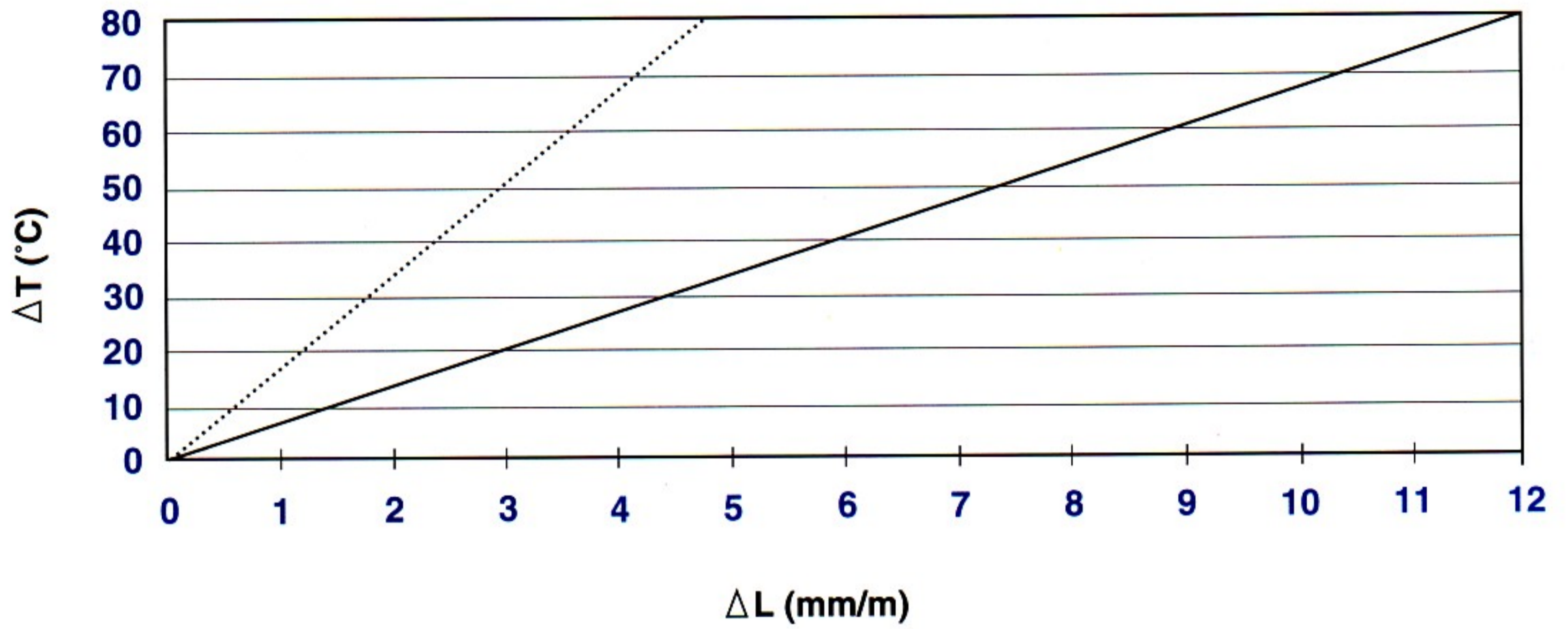
PN 20

Ext. dia. without Aluminium. Layer mm	pipe wall thickness without Aluminium. Layer mm	pipe internal dia. mm	Ext. dia. with Aluminium. Layer mm
16	2.7	10.6	17.8
20	3.4	13.2	21.8
25	4.2	16.6	26.8
32	5.4	21.2	33.8
40	6.7	26.6	41.8
50	8.4	33.2	51.8
63	10.5	42	64.8
75	12.5	50	76.8

OTHER SIZES AND PRESSURE RATINGS PRODUCED UPON REQUEST.



# Graph of expansion of ALUTHERM



— ordinary PPR Pipe  
..... ALUTHERM pipe