



PVC-U PIPES

PVC-U管子

RECOMMENDATIONS FOR PVC-U PIPE INSTALLATION

A. Dilatations calculation:

PVC-U dilatation coefficient = 0,08 mm/m °C
 ΔT = temperature change in °C
 ΔL = contraction or expansion in mm
 a = necessary length to flex
 D = diameter
 L = length in m.

PVC-U管件安装介绍

A. 膨胀计算:

PVC-U膨胀系数 = 0,08 mm/m °C
 ΔT = 温度变化
 ΔL = 收缩或膨胀
 a = 允许伸缩长度
 D = 直径
 L = 长度

RACCOMANDAZIONI PER L'INSTALLAZIONE DI TUBI IN PVC-U

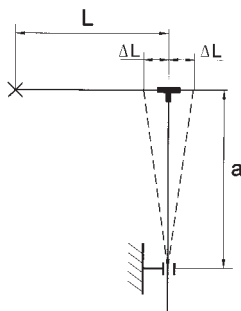
A. Calcolare le dilatazioni:

Coefficiente di dilatazione del PVC-U = 0,08 mm/m °C
 ΔT = cambio di temperatura in °C
 ΔL = contrazione o espansione in mm
 a = lunghezza necessaria per la flessione
 D = diametro
 L = lunghezza in m.

ROHR-INSTALLATIONS- ANLEITUNG

A. Rohrausdehnung kalkulieren:

PVC Wärmeausdehnungs-Koeffizient = 0,08 mm/m °C
 ΔT = Temperaturwechsel °C
 ΔL = Kontraktion oder Ausdehnung in mm
 a = notwendige Dehnungslänge
 D = Durchmesser
 L = Länge in m.



$$\Delta L = L \times \Delta T \times 0,08$$

$$a = 33,5 \sqrt{D \times \Delta L}$$

B. Fix points distribution:

Place the fixing points (F) in order to equalise the free dilatation lengths (Fig. 1).

Sometimes it is necessary to put expansion curls in order to compensate the length changes (Fig. 2).

B. 固定点分布:

固定某些点的平衡自由膨胀长度(图. 1)

有时需要考虑膨胀吸收来校正长度变化(图. 2)

B. Distribuzione dei punti fissi:

Posizionare i punti fissi (F) in modo da ripartire equamente le lunghezze libere (Fig. 1).

In certi casi può essere necessario ricorrere a curve di espansione per compensare i cambiamenti di lunghezza (Fig. 2).

B. Fixpunkt-Verteilung:

Die Fixpunkte sind so zu legen, dass die freien Längen, die sich ausdehnen können, genau gemittelt sind (Fig. 1).

In gewissen Fällen können, um Längenänderungen zu kompensieren, Expansions-Schleifen notwendig werden (Fig. 2).

图.1

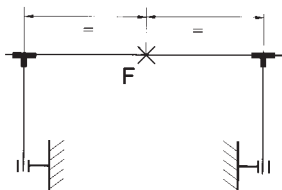
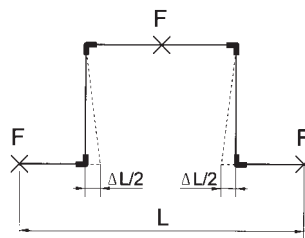


图.2



C. Compensated installation:

When working temperature is notably higher than the installation temperature we can compensate the dilatations when assembling.

C. 校正安装

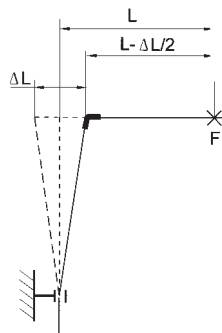
当工作温度明显高于安装温度时, 我们可以在安装时校正相应的膨胀。

C. Installazione compensata:

Quando la temperatura di esercizio è notevolmente superiore a quella della installazione, le dilatazioni possono essere compensate durante il montaggio.

C. Ausgleich-Installation:

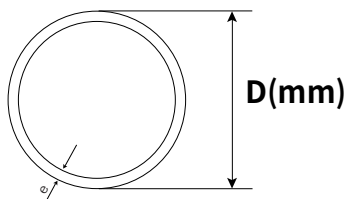
Wenn die Arbeitstemperatur wesentlich höher ist als die Temperatur bei der Installation, können sich die Längendehnungen während der Montage ausgleichen.



PIPES/管子

UP. 00. SF

- Materials: PVC-U Polyvinyl chloride
- Color: Charcoal
- Size: UNE-EN 1452-2
- Strength: 4m, 6m
- 材料: PVC-U 聚氧乙烯
- 颜色: 深灰色 RAL7024
- 尺寸: UNE-EN 1452-2
- 管道长度: 4米, 6米



D	CODE	REF.	DN	PN	e(mm)
Nominal pressure PN based on service (design) coefficient/ 设计安全参数 C = 2.5					
40	02708	05 00 040 10	32	10	1.9
50	02709	05 00 050 10	40	10	2.4
63	02710	05 00 063 10	50	10	3.0
75	02711	05 00 075 10	65	10	3.6
90	02712	05 00 090 10	80	10	4.3
Nominal pressure PN based on service (design) coefficient/ 设计安全参数 C = 2.0					
110	02713	05 00 040 10	100	10	4.2
125	02714	05 00 050 10	110	10	4.8
140	02715	05 00 063 10	125	10	5.4
160	02716	05 00 075 10	150	10	6.2
200	02718	05 00 090 10	175	10	7.7
225	02719	05 00 040 10	200	10	8.6
250	02720	05 00 050 10	225	10	9.6
315	02721	05 00 063 10	300	10	12.1
400	02722	05 00 075 10	400	10	15.3
500	-	05 00 090 10	500	10	19.1

D	CODE	REF.	DN	PN	e(mm)
Nominal pressure PN based on service (design) coefficient/ 设计安全参数 C = 2.5					
25	02723	05 00 025 16	20	16	1.9
32	02724	05 00 032 16	25	16	2.4
40	02725	05 00 040 16	32	16	3.0
50	02726	05 00 050 16	40	16	3.7
63	02727	05 00 063 16	50	16	4.7
75	02728	05 00 075 16	65	16	5.6
90	02729	05 00 090 16	80	16	6.7
Nominal pressure PN based on service (design) coefficient/ 设计安全参数 C = 2.0					
110	02730	05 00 110 16	100	16	6.6
125	02731	05 00 125 16	110	16	7.4
140	02732	05 00 140 16	125	16	8.3
160	02733	05 00 160 16	150	16	9.5
200	02734	05 00 200 16	175	16	11.9
225	02735	05 00 225 16	200	16	13.4
250	02736	05 00 250 16	225	16	14.8
315	02737	05 00 315 16	300	16	18.7
400	02738	05 00 400 16	400	16	23.7

D	CODE	REF.	DN	PN	e(mm)
Nominal pressure PN based on service (design) coefficient/ 设计安全参数 C = 2.5					
16	02723	05 00 016 20	10	20	1.5
20	02724	05 00 020 20	15	20	1.9
25	02725	05 00 025 20	20	20	2.3
32	02726	05 00 032 20	25	20	2.9
40	02727	05 00 040 20	32	20	3.7
50	02728	05 00 050 20	40	20	4.6
63	02729	05 00 063 20	50	20	5.8
75	02728	05 00 075 20	65	20	6.8
90	02729	05 00 090 20	80	20	8.2