

# **LOGSTOR** Product Specification of Parallel T-piece for TwinPipe



## The Bonded TwinPipe Branches - T-piece parallel

### Application

T-pieces parallel for TwinPipe are reinforced to withstand axial forces corresponding to stresses of 330 MPa.

However, in case the main pipe and the branch have the same dimension, T-pieces can only withstand axial forces corresponding to 190 MPa.

### Description

If the T-piece is installed at the end of a section, fixing bar must be welded onto the main pipe.

Wires for surveillance are embedded.

All preinsulated T-pieces are as a standard delivered with 4 embedded wires: 2 copper wires and 2 tinned wires in the main pipe and 4 tinned wires in the branch.

The tinned wire always runs into the branch, whereas the copper wire runs straight through.

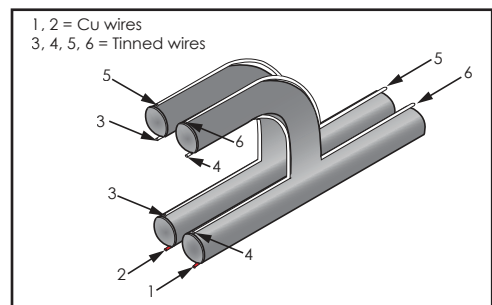
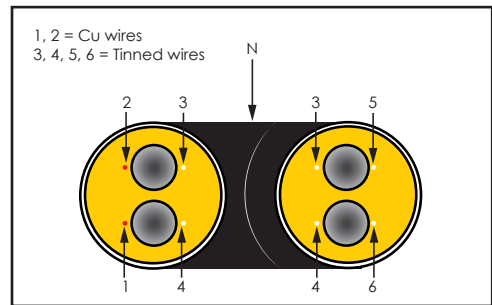
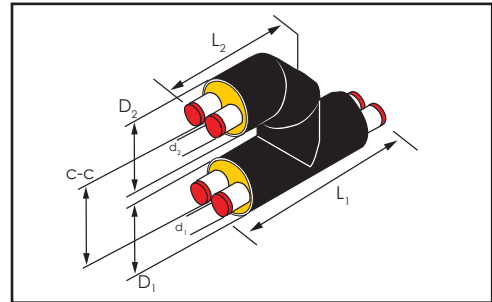
The wires used for installation are always the 2 wires at the top.

This means:

- the copper and the tinned wire at the top of the main pipe must be connected to the two wires in the pipe which are to be connected
- the two tinned wires at the top of the branch must be connected to the two wires in the pipe which are to be connected

The wires at the bottom of the main pipe and the branch should not be used.

In this way the parallel T-piece can be used for branching to the right as well as the left with a standard wire run in the casing joint.



## The Bonded TwinPipe Branches - T-piece parallel

### Component overview/data

Component No. 3690

| T-piece parallel, series 1 |                 |                 |                 |                 |                |                |     |
|----------------------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|-----|
|                            | ød <sub>1</sub> | øD <sub>1</sub> | ød <sub>2</sub> | øD <sub>2</sub> | L <sub>1</sub> | L <sub>2</sub> | c-c |
| 26.9x26.9                  | 26.9            | 125             | 26.9            | 125             | 1100           | 600            | 320 |
| 33.7x26.9                  | 33.7            | 140             | 26.9            | 125             | 1100           | 600            | 330 |
| 33.7x33.7                  | 33.7            | 140             | 33.7            | 140             | 1100           | 600            | 340 |
| 42.4x26.9                  | 42.4            | 160             | 26.9            | 125             | 1100           | 600            | 340 |
| 42.4x33.7                  | 42.4            | 160             | 33.7            | 140             | 1100           | 600            | 350 |
| 42.4x42.4                  | 42.4            | 160             | 42.4            | 160             | 1100           | 600            | 360 |
| 48.3x26.9                  | 48.3            | 160             | 26.9            | 125             | 1100           | 600            | 340 |
| 48.3x33.7                  | 48.3            | 160             | 33.7            | 140             | 1100           | 600            | 350 |
| 48.3x42.4                  | 48.3            | 160             | 42.4            | 160             | 1100           | 600            | 360 |
| 48.3x48.3                  | 48.3            | 160             | 48.3            | 160             | 1100           | 600            | 360 |
| 60.3x26.9                  | 60.3            | 200             | 26.9            | 125             | 1200           | 600            | 365 |
| 60.3x33.7                  | 60.3            | 200             | 33.7            | 140             | 1200           | 600            | 375 |
| 60.3x42.4                  | 60.3            | 200             | 42.4            | 160             | 1200           | 600            | 385 |
| 60.3x48.3                  | 60.3            | 200             | 48.3            | 160             | 1200           | 600            | 385 |
| 60.3x60.3                  | 60.3            | 200             | 60.3            | 200             | 1200           | 650            | 410 |
| 76.1x26.9                  | 76.1            | 225             | 26.9            | 125             | 1200           | 600            | 380 |
| 76.1x33.7                  | 76.1            | 225             | 33.7            | 140             | 1200           | 600            | 390 |
| 76.1x42.4                  | 76.1            | 225             | 42.4            | 160             | 1200           | 600            | 400 |
| 76.1x48.3                  | 76.1            | 225             | 48.3            | 160             | 1200           | 600            | 400 |
| 76.1x60.3                  | 76.1            | 225             | 60.3            | 200             | 1200           | 650            | 425 |
| 76.1x76.1                  | 76.1            | 225             | 76.1            | 225             | 1200           | 650            | 440 |
| 88.9x26.9                  | 88.9            | 250             | 26.9            | 125             | 1300           | 600            | 398 |
| 88.9x33.7                  | 88.9            | 250             | 33.7            | 140             | 1300           | 600            | 408 |
| 88.9x42.4                  | 88.9            | 250             | 42.4            | 160             | 1300           | 600            | 418 |
| 88.9x48.3                  | 88.9            | 250             | 48.3            | 160             | 1300           | 600            | 418 |
| 88.9x60.3                  | 88.9            | 250             | 60.3            | 200             | 1300           | 650            | 443 |
| 88.9x76.1                  | 88.9            | 250             | 76.1            | 225             | 1300           | 650            | 458 |
| 88.9x88.9                  | 88.9            | 250             | 88.9            | 250             | 1300           | 650            | 475 |
| 114.3x26.9                 | 114.3           | 315             | 26.9            | 125             | 1300           | 600            | 440 |
| 114.3x33.7                 | 114.3           | 315             | 33.7            | 140             | 1300           | 600            | 450 |
| 114.3x42.4                 | 114.3           | 315             | 42.4            | 160             | 1300           | 600            | 460 |
| 114.3x48.3                 | 114.3           | 315             | 48.3            | 160             | 1300           | 600            | 460 |
| 114.3x60.3                 | 114.3           | 315             | 60.3            | 200             | 1300           | 650            | 485 |
| 114.3x76.1                 | 114.3           | 315             | 76.1            | 225             | 1300           | 650            | 500 |
| 114.3x88.9                 | 114.3           | 315             | 88.9            | 250             | 1300           | 650            | 518 |
| 114.3x114.3                | 114.3           | 315             | 114.3           | 315             | 1300           | 750            | 560 |
| 139.7x26.9                 | 139.7           | 400             | 26.9            | 125             | 1500           | 600            | 490 |
| 139.7x33.7                 | 139.7           | 400             | 33.7            | 140             | 1500           | 600            | 500 |
| 139.7x42.4                 | 139.7           | 400             | 42.4            | 160             | 1500           | 600            | 510 |
| 139.7x48.3                 | 139.7           | 400             | 48.3            | 160             | 1500           | 600            | 510 |
| 139.7x60.3                 | 139.7           | 400             | 60.3            | 200             | 1500           | 650            | 535 |
| 139.7x76.1                 | 139.7           | 400             | 76.1            | 225             | 1500           | 650            | 550 |
| 139.7x88.9                 | 139.7           | 400             | 88.9            | 250             | 1500           | 650            | 568 |
| 139.7x114.3                | 139.7           | 400             | 114.3           | 315             | 1500           | 750            | 610 |
| 139.7x139.7                | 139.7           | 400             | 139.7           | 400             | 1500           | 800            | 660 |

## The Bonded TwinPipe Branches - T-piece parallel

Component  
overview/data  
continued

| T-piece parallel, series 1 |                 |                 |                 |                 |                |                |     |
|----------------------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|-----|
|                            | ød <sub>1</sub> | øD <sub>1</sub> | ød <sub>2</sub> | øD <sub>2</sub> | L <sub>1</sub> | L <sub>2</sub> | c-c |
| 168.3x26.9                 | 168.3           | 450             | 26.9            | 125             | 1600           | 600            | 520 |
| 168.3x33.7                 | 168.3           | 450             | 33.7            | 140             | 1600           | 600            | 530 |
| 168.3x42.4                 | 168.3           | 450             | 42.4            | 160             | 1600           | 600            | 540 |
| 168.3x48.3                 | 168.3           | 450             | 48.3            | 160             | 1600           | 600            | 540 |
| 168.3x60.3                 | 168.3           | 450             | 60.3            | 200             | 1600           | 650            | 565 |
| 168.3x76.1                 | 168.3           | 450             | 76.1            | 225             | 1600           | 650            | 580 |
| 168.3x88.9                 | 168.3           | 450             | 88.9            | 250             | 1600           | 650            | 598 |
| 168.3x114.3                | 168.3           | 450             | 114.3           | 315             | 1600           | 750            | 640 |
| 168.3x139.7                | 168.3           | 450             | 139.7           | 400             | 1600           | 800            | 690 |
| 168.3x168.3                | 168.3           | 450             | 168.3           | 450             | 1600           | 850            | 720 |
| 219.1x26.9                 | 219.1           | 560             | 26.9            | 125             | 1700           | 600            | 595 |
| 219.1x33.7                 | 219.1           | 560             | 33.7            | 140             | 1700           | 600            | 605 |
| 219.1x42.4                 | 219.1           | 560             | 42.4            | 160             | 1700           | 600            | 615 |
| 219.1x48.3                 | 219.1           | 560             | 48.3            | 160             | 1700           | 600            | 615 |
| 219.1x60.3                 | 219.1           | 560             | 60.3            | 200             | 1700           | 650            | 640 |
| 219.1x76.1                 | 219.1           | 560             | 76.1            | 225             | 1700           | 650            | 655 |
| 219.1x88.9                 | 219.1           | 560             | 88.9            | 250             | 1700           | 650            | 673 |
| 219.1x114.3                | 219.1           | 560             | 114.3           | 315             | 1700           | 750            | 715 |
| 219.1x139.7                | 219.1           | 560             | 139.7           | 400             | 1700           | 800            | 765 |
| 219.1x168.3                | 219.1           | 560             | 168.3           | 450             | 1700           | 850            | 795 |
| 219.1x219.1                | 219.1           | 560             | 219.1           | 560             | 1700           | 950            | 920 |

Internal pressure = 25 bar (grey = 16 bar)

## The Bonded TwinPipe Branches - T-piece parallel

Component  
overview/data  
continued

| T-piece parallel, series 2 |                 |                 |                 |                 |                |                |     |
|----------------------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|-----|
|                            | ød <sub>1</sub> | øD <sub>1</sub> | ød <sub>2</sub> | øD <sub>2</sub> | L <sub>1</sub> | L <sub>2</sub> | c-c |
| 26.9x26.9                  | 26.9            | 140             | 26.9            | 140             | 1100           | 600            | 320 |
| 33.7x26.9                  | 33.7            | 160             | 26.9            | 140             | 1100           | 600            | 330 |
| 33.7x33.7                  | 33.7            | 160             | 33.7            | 160             | 1100           | 600            | 340 |
| 42.4x26.9                  | 42.4            | 180             | 26.9            | 140             | 1100           | 600            | 340 |
| 42.4x33.7                  | 42.4            | 180             | 33.7            | 160             | 1100           | 600            | 350 |
| 42.4x42.4                  | 42.4            | 180             | 42.4            | 180             | 1100           | 600            | 360 |
| 48.3x26.9                  | 48.3            | 180             | 26.9            | 140             | 1100           | 600            | 340 |
| 48.3x33.7                  | 48.3            | 180             | 33.7            | 160             | 1100           | 600            | 350 |
| 48.3x42.4                  | 48.3            | 180             | 42.4            | 180             | 1100           | 600            | 360 |
| 48.3x48.3                  | 48.3            | 180             | 48.3            | 180             | 1100           | 600            | 360 |
| 60.3x26.9                  | 60.3            | 225             | 26.9            | 140             | 1200           | 600            | 365 |
| 60.3x33.7                  | 60.3            | 225             | 33.7            | 160             | 1200           | 600            | 375 |
| 60.3x42.4                  | 60.3            | 225             | 42.4            | 180             | 1200           | 600            | 385 |
| 60.3x48.3                  | 60.3            | 225             | 48.3            | 180             | 1200           | 600            | 385 |
| 60.3x60.3                  | 60.3            | 225             | 60.3            | 225             | 1200           | 650            | 410 |
| 76.1x26.9                  | 76.1            | 250             | 26.9            | 140             | 1200           | 600            | 380 |
| 76.1x33.7                  | 76.1            | 250             | 33.7            | 160             | 1200           | 600            | 390 |
| 76.1x42.4                  | 76.1            | 250             | 42.4            | 180             | 1200           | 600            | 400 |
| 76.1x48.3                  | 76.1            | 250             | 48.3            | 180             | 1200           | 600            | 400 |
| 76.1x60.3                  | 76.1            | 250             | 60.3            | 225             | 1200           | 650            | 425 |
| 76.1x76.1                  | 76.1            | 250             | 76.1            | 250             | 1200           | 650            | 440 |
| 88.9x26.9                  | 88.9            | 280             | 26.9            | 140             | 1300           | 600            | 398 |
| 88.9x33.7                  | 88.9            | 280             | 33.7            | 160             | 1300           | 600            | 408 |
| 88.9x42.4                  | 88.9            | 280             | 42.4            | 180             | 1300           | 600            | 418 |
| 88.9x48.3                  | 88.9            | 280             | 48.3            | 180             | 1300           | 600            | 418 |
| 88.9x60.3                  | 88.9            | 280             | 60.3            | 225             | 1300           | 650            | 443 |
| 88.9x76.1                  | 88.9            | 280             | 76.1            | 250             | 1300           | 650            | 458 |
| 88.9x88.9                  | 88.9            | 280             | 88.9            | 280             | 1300           | 650            | 475 |
| 114.3x26.9                 | 114.3           | 355             | 26.9            | 140             | 1300           | 600            | 440 |
| 114.3x33.7                 | 114.3           | 355             | 33.7            | 160             | 1300           | 600            | 450 |
| 114.3x42.4                 | 114.3           | 355             | 42.4            | 180             | 1300           | 600            | 460 |
| 114.3x48.3                 | 114.3           | 355             | 48.3            | 180             | 1300           | 600            | 460 |
| 114.3x60.3                 | 114.3           | 355             | 60.3            | 225             | 1300           | 650            | 485 |
| 114.3x76.1                 | 114.3           | 355             | 76.1            | 250             | 1300           | 650            | 500 |
| 114.3x88.9                 | 114.3           | 355             | 88.9            | 280             | 1300           | 650            | 518 |
| 114.3x114.3                | 114.3           | 355             | 114.3           | 355             | 1300           | 750            | 560 |
| 139.7x26.9                 | 139.7           | 450             | 26.9            | 140             | 1500           | 600            | 490 |
| 139.7x33.7                 | 139.7           | 450             | 33.7            | 160             | 1500           | 600            | 500 |
| 139.7x42.4                 | 139.7           | 450             | 42.4            | 180             | 1500           | 600            | 510 |
| 139.7x48.3                 | 139.7           | 450             | 48.3            | 180             | 1500           | 600            | 510 |
| 139.7x60.3                 | 139.7           | 450             | 60.3            | 225             | 1500           | 650            | 535 |
| 139.7x76.1                 | 139.7           | 450             | 76.1            | 250             | 1500           | 650            | 550 |
| 139.7x88.9                 | 139.7           | 450             | 88.9            | 280             | 1500           | 650            | 568 |
| 139.7x114.3                | 139.7           | 450             | 114.3           | 355             | 1500           | 750            | 610 |
| 139.7x139.7                | 139.7           | 450             | 139.7           | 450             | 1500           | 800            | 660 |

## The Bonded TwinPipe Branches - T-piece parallel

Component  
overview/data  
continued

| T-piece parallel, series 2 |                   |                   |                   |                   |       |       |     |
|----------------------------|-------------------|-------------------|-------------------|-------------------|-------|-------|-----|
|                            | $\varnothing d_1$ | $\varnothing D_1$ | $\varnothing d_2$ | $\varnothing D_2$ | $L_1$ | $L_2$ | c-c |
| 168.3x26.9                 | 168.3             | 500               | 26.9              | 140               | 1600  | 600   | 520 |
| 168.3x33.7                 | 168.3             | 500               | 33.7              | 160               | 1600  | 600   | 530 |
| 168.3x42.4                 | 168.3             | 500               | 42.4              | 180               | 1600  | 600   | 540 |
| 168.3x48.3                 | 168.3             | 500               | 48.3              | 180               | 1600  | 600   | 540 |
| 168.3x60.3                 | 168.3             | 500               | 60.3              | 225               | 1600  | 650   | 565 |
| 168.3x76.1                 | 168.3             | 500               | 76.1              | 250               | 1600  | 650   | 580 |
| 168.3x88.9                 | 168.3             | 500               | 88.9              | 280               | 1600  | 650   | 598 |
| 168.3x114.3                | 168.3             | 500               | 114.3             | 355               | 1600  | 750   | 640 |
| 168.3x139.7                | 168.3             | 500               | 139.7             | 450               | 1600  | 800   | 690 |
| 168.3x168.3                | 168.3             | 500               | 168.3             | 500               | 1600  | 850   | 720 |
| 219.1x26.9                 | 219.1             | 630               | 26.9              | 140               | 1700  | 600   | 595 |
| 219.1x33.7                 | 219.1             | 630               | 33.7              | 160               | 1700  | 600   | 605 |
| 219.1x42.4                 | 219.1             | 630               | 42.4              | 180               | 1700  | 600   | 615 |
| 219.1x48.3                 | 219.1             | 630               | 48.3              | 180               | 1700  | 600   | 615 |
| 219.1x60.3                 | 219.1             | 630               | 60.3              | 225               | 1700  | 650   | 640 |
| 219.1x76.1                 | 219.1             | 630               | 76.1              | 250               | 1700  | 650   | 655 |
| 219.1x88.9                 | 219.1             | 630               | 88.9              | 280               | 1700  | 650   | 673 |
| 219.1x114.3                | 219.1             | 630               | 114.3             | 355               | 1700  | 750   | 715 |
| 219.1x139.7                | 219.1             | 630               | 139.7             | 450               | 1700  | 800   | 765 |
| 219.1x168.3                | 219.1             | 630               | 168.3             | 500               | 1700  | 850   | 795 |
| 219.1x219.1                | 219.1             | 630               | 219.1             | 630               | 1700  | 950   | 920 |

Internal pressure = 25 bar (grey = 16 bar)

## The Bonded TwinPipe Branches - T-piece parallel

Component  
overview/data  
continued

| T-piece parallel, series 3 |                 |                 |                 |                 |                |                |     |
|----------------------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|-----|
|                            | ød <sub>1</sub> | øD <sub>1</sub> | ød <sub>2</sub> | øD <sub>2</sub> | L <sub>1</sub> | L <sub>2</sub> | c-c |
| 26.9x26.9                  | 26.9            | 160             | 26.9            | 160             | 1100           | 600            | 320 |
| 33.7x26.9                  | 33.7            | 180             | 26.9            | 160             | 1100           | 600            | 330 |
| 33.7x33.7                  | 33.7            | 180             | 33.7            | 180             | 1100           | 600            | 340 |
| 42.4x26.9                  | 42.4            | 200             | 26.9            | 160             | 1100           | 600            | 340 |
| 42.4x33.7                  | 42.4            | 200             | 33.7            | 180             | 1100           | 600            | 350 |
| 42.4x42.4                  | 42.4            | 200             | 42.4            | 200             | 1100           | 600            | 360 |
| 48.3x26.9                  | 48.3            | 200             | 26.9            | 160             | 1100           | 600            | 340 |
| 48.3x33.7                  | 48.3            | 200             | 33.7            | 180             | 1100           | 600            | 350 |
| 48.3x42.4                  | 48.3            | 200             | 42.4            | 200             | 1100           | 600            | 360 |
| 48.3x48.3                  | 48.3            | 200             | 48.3            | 200             | 1100           | 600            | 360 |
| 60.3x26.9                  | 60.3            | 250             | 26.9            | 160             | 1200           | 600            | 365 |
| 60.3x33.7                  | 60.3            | 250             | 33.7            | 180             | 1200           | 600            | 375 |
| 60.3x42.4                  | 60.3            | 250             | 42.4            | 200             | 1200           | 600            | 385 |
| 60.3x48.3                  | 60.3            | 250             | 48.3            | 200             | 1200           | 600            | 385 |
| 60.3x60.3                  | 60.3            | 250             | 60.3            | 250             | 1200           | 650            | 410 |
| 76.1x26.9                  | 76.1            | 280             | 26.9            | 160             | 1200           | 600            | 380 |
| 76.1x33.7                  | 76.1            | 280             | 33.7            | 180             | 1200           | 600            | 390 |
| 76.1x42.4                  | 76.1            | 280             | 42.4            | 200             | 1200           | 600            | 400 |
| 76.1x48.3                  | 76.1            | 280             | 48.3            | 200             | 1200           | 600            | 400 |
| 76.1x60.3                  | 76.1            | 280             | 60.3            | 250             | 1200           | 650            | 425 |
| 76.1x76.1                  | 76.1            | 280             | 76.1            | 280             | 1200           | 650            | 440 |
| 88.9x26.9                  | 88.9            | 315             | 26.9            | 160             | 1300           | 600            | 398 |
| 88.9x33.7                  | 88.9            | 315             | 33.7            | 180             | 1300           | 600            | 408 |
| 88.9x42.4                  | 88.9            | 315             | 42.4            | 200             | 1300           | 600            | 418 |
| 88.9x48.3                  | 88.9            | 315             | 48.3            | 200             | 1300           | 600            | 418 |
| 88.9x60.3                  | 88.9            | 315             | 60.3            | 250             | 1300           | 650            | 443 |
| 88.9x76.1                  | 88.9            | 315             | 76.1            | 280             | 1300           | 650            | 458 |
| 88.9x88.9                  | 88.9            | 315             | 88.9            | 315             | 1300           | 650            | 475 |
| 114.3x26.9                 | 114.3           | 400             | 26.9            | 160             | 1300           | 600            | 440 |
| 114.3x33.7                 | 114.3           | 400             | 33.7            | 180             | 1300           | 600            | 450 |
| 114.3x42.4                 | 114.3           | 400             | 42.4            | 200             | 1300           | 600            | 460 |
| 114.3x48.3                 | 114.3           | 400             | 48.3            | 200             | 1300           | 600            | 460 |
| 114.3x60.3                 | 114.3           | 400             | 60.3            | 250             | 1300           | 650            | 485 |
| 114.3x76.1                 | 114.3           | 400             | 76.1            | 280             | 1300           | 650            | 500 |
| 114.3x88.9                 | 114.3           | 400             | 88.9            | 315             | 1300           | 650            | 518 |
| 114.3x114.3                | 114.3           | 400             | 114.3           | 400             | 1300           | 750            | 560 |
| 139.7x26.9                 | 139.7           | 500             | 26.9            | 160             | 1500           | 600            | 490 |
| 139.7x33.7                 | 139.7           | 500             | 33.7            | 180             | 1500           | 600            | 500 |
| 139.7x42.4                 | 139.7           | 500             | 42.4            | 200             | 1500           | 600            | 510 |
| 139.7x48.3                 | 139.7           | 500             | 48.3            | 200             | 1500           | 600            | 510 |
| 139.7x60.3                 | 139.7           | 500             | 60.3            | 250             | 1500           | 650            | 535 |
| 139.7x76.1                 | 139.7           | 500             | 76.1            | 280             | 1500           | 650            | 550 |
| 139.7x88.9                 | 139.7           | 500             | 88.9            | 315             | 1500           | 650            | 568 |
| 139.7x114.3                | 139.7           | 500             | 114.3           | 400             | 1500           | 750            | 610 |
| 139.7x139.7                | 139.7           | 500             | 139.7           | 500             | 1500           | 800            | 660 |

## The Bonded TwinPipe Branches - T-piece parallel

Component  
overview/data  
continued

| T-piece parallel, series 3 |                   |                   |                   |                   |       |       |     |
|----------------------------|-------------------|-------------------|-------------------|-------------------|-------|-------|-----|
|                            | $\varnothing d_1$ | $\varnothing D_1$ | $\varnothing d_2$ | $\varnothing D_2$ | $L_1$ | $L_2$ | c-c |
| 168.3x26.9                 | 168.3             | 560               | 26.9              | 160               | 1600  | 600   | 520 |
| 168.3x33.7                 | 168.3             | 560               | 33.7              | 180               | 1600  | 600   | 530 |
| 168.3x42.4                 | 168.3             | 560               | 42.4              | 200               | 1600  | 600   | 540 |
| 168.3x48.3                 | 168.3             | 560               | 48.3              | 200               | 1600  | 600   | 540 |
| 168.3x60.3                 | 168.3             | 560               | 60.3              | 250               | 1600  | 650   | 565 |
| 168.3x76.1                 | 168.3             | 560               | 76.1              | 280               | 1600  | 650   | 580 |
| 168.3x88.9                 | 168.3             | 560               | 88.9              | 315               | 1600  | 650   | 598 |
| 168.3x114.3                | 168.3             | 560               | 114.3             | 400               | 1600  | 750   | 640 |
| 168.3x139.7                | 168.3             | 560               | 139.7             | 500               | 1600  | 800   | 690 |
| 168.3x168.3                | 168.3             | 560               | 168.3             | 560               | 1600  | 850   | 720 |
| 219.1x26.9                 | 219.1             | 710               | 26.9              | 160               | 1700  | 600   | 595 |
| 219.1x33.7                 | 219.1             | 710               | 33.7              | 180               | 1700  | 600   | 605 |
| 219.1x42.4                 | 219.1             | 710               | 42.4              | 200               | 1700  | 600   | 615 |
| 219.1x48.3                 | 219.1             | 710               | 48.3              | 200               | 1700  | 600   | 615 |
| 219.1x60.3                 | 219.1             | 710               | 60.3              | 250               | 1700  | 650   | 640 |
| 219.1x76.1                 | 219.1             | 710               | 76.1              | 280               | 1700  | 650   | 655 |
| 219.1x88.9                 | 219.1             | 710               | 88.9              | 315               | 1700  | 650   | 673 |
| 219.1x114.3                | 219.1             | 710               | 114.3             | 400               | 1700  | 750   | 715 |
| 219.1x139.7                | 219.1             | 710               | 139.7             | 500               | 1700  | 800   | 765 |
| 219.1x168.3                | 219.1             | 710               | 168.3             | 560               | 1700  | 850   | 795 |
| 219.1x219.1                | 219.1             | 710               | 219.1             | 710               | 1700  | 950   | 920 |

Internal pressure = 25 bar (grey = 16 bar)



## The Bonded TwinPipe Branches - T-piece parallel

### Wall thickness

ø 33.7-219.1:

T-pieces are made by collaring on base pipes with large wall thickness, cf. table with the following exceptions:

T-pieces with the same main pipe and branch dimension are made with weld-T-piece in accordance with EN 10253-2.

T-pieces for main pipe dimension ø 139.7-219.1 and branch one dimension smaller than the main pipe dimension will be carried out with direct branch on pipes with larger wall thickness.

### Component overview/data

Component No. 3690

| Collared main pipe |                      |
|--------------------|----------------------|
| ød1<br>mm          | Wall thickness<br>mm |
| 33.7               | 3.6                  |
| 42.4               | 4.0                  |
| 48.3               | 4.0                  |
| 60.3               | 4.5                  |
| 76.1               | 4.5                  |
| 88.9               | 5.0                  |
| 114.3              | 5.6                  |
| 139.7              | 5.6                  |
| 168.3              | 6.3                  |
| 219.1              | 7.1                  |

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