

**HVAC and process pipes claddings**

Material hot galvanized steel EN 10346 Dx51d+z275MAC

| DN  | insulation pipe<br>inner diameter | Insulation thickness | Cladding outer<br>diameter | pipe<br>€/m | elbow 90<br>€/pc | elbow 45<br>€/pc | reduction<br>central €/pc | reduction<br>eccentral €/pc | t-connection<br>€/pc | end cap<br>€/pc |
|-----|-----------------------------------|----------------------|----------------------------|-------------|------------------|------------------|---------------------------|-----------------------------|----------------------|-----------------|
| -   | 12                                | 20                   | 70                         | 2,98        | 4,81             | 3,15             | 10,51                     | 11,76                       | 11,35                | 1,53            |
| -   | 15                                | 20                   | 70                         | 2,98        | 4,81             | 3,15             | 10,51                     | 11,76                       | 11,35                | 1,53            |
| 10  | 18                                | 20                   | 70                         | 2,98        | 4,81             | 3,15             | 10,51                     | 11,76                       | 11,35                | 1,53            |
| 15  | 22                                | 20                   | 70                         | 2,98        | 4,81             | 3,15             | 10,51                     | 11,76                       | 11,35                | 1,53            |
| 20  | 28                                | 20                   | 76                         | 3,16        | 4,83             | 3,16             | 10,65                     | 11,96                       | 11,54                | 1,55            |
| 25  | 35                                | 20                   | 76                         | 3,16        | 4,83             | 3,20             | 10,65                     | 11,96                       | 11,54                | 1,55            |
| 32  | 42                                | 20                   | 86                         | 3,46        | 4,34             | 2,82             | 10,78                     | 12,16                       | 11,68                | 1,58            |
| 40  | 48                                | 20                   | 96                         | 3,76        | 4,42             | 2,86             | 10,93                     | 12,35                       | 11,83                | 1,61            |
| -   | 12                                | 30                   | 76                         | 3,16        | 4,83             | 3,20             | 10,65                     | 11,96                       | 11,54                | 1,55            |
| -   | 15                                | 30                   | 76                         | 3,16        | 4,83             | 3,20             | 10,65                     | 11,96                       | 11,54                | 1,55            |
| 10  | 18                                | 30                   | 86                         | 3,46        | 4,34             | 2,82             | 10,78                     | 12,16                       | 11,68                | 1,58            |
| 15  | 22                                | 30                   | 86                         | 3,46        | 4,34             | 2,82             | 10,78                     | 12,16                       | 11,68                | 1,58            |
| 20  | 28                                | 30                   | 96                         | 3,76        | 4,42             | 2,86             | 10,93                     | 12,35                       | 11,83                | 1,61            |
| 25  | 35                                | 30                   | 96                         | 3,76        | 4,42             | 2,86             | 10,93                     | 12,35                       | 11,83                | 1,61            |
| 32  | 42                                | 30                   | 106                        | 4,05        | 4,52             | 2,92             | 11,23                     | 12,55                       | 11,94                | 1,64            |
| 40  | 48                                | 30                   | 122                        | 4,53        | 4,63             | 2,97             | 11,40                     | 12,75                       | 12,25                | 1,70            |
| -   | 54                                | 30                   | 122                        | 4,53        | 4,63             | 2,97             | 11,40                     | 12,75                       | 12,25                | 1,70            |
| 50  | 60                                | 30                   | 122                        | 4,53        | 4,63             | 2,97             | 11,40                     | 12,75                       | 12,25                | 1,70            |
| -   | 64                                | 30                   | 133                        | 4,86        | 4,92             | 3,15             | 11,61                     | 12,94                       | 12,44                | 1,74            |
| -   | 70                                | 30                   | 133                        | 4,86        | 4,92             | 3,15             | 11,61                     | 12,94                       | 12,44                | 1,74            |
| 65  | 76                                | 30                   | 146                        | 5,25        | 4,99             | 3,18             | 11,80                     | 13,14                       | 12,62                | 1,79            |
| 80  | 89                                | 30                   | 160                        | 5,67        | 5,37             | 3,40             | 12,14                     | 13,39                       | 12,83                | 2,10            |
| -   | 102                               | 30                   | 173                        | 6,06        | 5,53             | 3,48             | 12,52                     | 13,92                       | 13,06                | 2,29            |
| 100 | 114                               | 30                   | 185                        | 6,42        | 7,60             | 3,80             | 12,70                     | 14,65                       | 13,57                | 2,59            |
| -   | 127                               | 30                   | 199                        | 6,84        | 7,72             | 3,86             | 13,01                     | 15,37                       | 13,82                | 2,90            |
| -   | 12                                | 40                   | 96                         | 3,76        | 4,42             | 2,86             | 10,93                     | 12,35                       | 11,83                | 1,61            |
| -   | 15                                | 40                   | 96                         | 3,76        | 4,42             | 2,86             | 10,93                     | 12,35                       | 11,83                | 1,61            |
| 10  | 18                                | 40                   | 106                        | 4,05        | 4,52             | 2,92             | 11,23                     | 12,55                       | 11,94                | 1,64            |
| 15  | 22                                | 40                   | 106                        | 4,05        | 4,52             | 2,92             | 11,23                     | 12,55                       | 11,94                | 1,64            |
| 20  | 28                                | 40                   | 106                        | 4,05        | 4,52             | 2,92             | 11,23                     | 12,55                       | 11,94                | 1,64            |
| 25  | 35                                | 40                   | 122                        | 4,53        | 4,63             | 2,97             | 11,40                     | 12,75                       | 12,25                | 1,70            |
| 32  | 42                                | 40                   | 133                        | 4,86        | 4,92             | 3,15             | 11,61                     | 12,94                       | 12,44                | 1,74            |
| 40  | 48                                | 40                   | 133                        | 4,86        | 4,92             | 3,15             | 11,61                     | 12,94                       | 12,44                | 1,74            |
| -   | 54                                | 40                   | 133                        | 4,86        | 4,92             | 3,15             | 11,61                     | 12,94                       | 12,44                | 1,74            |
| 50  | 60                                | 40                   | 146                        | 5,25        | 4,99             | 3,18             | 11,80                     | 13,14                       | 12,62                | 1,79            |
| -   | 64                                | 40                   | 146                        | 5,25        | 4,99             | 3,18             | 11,80                     | 13,14                       | 12,62                | 1,79            |
| -   | 70                                | 40                   | 160                        | 5,67        | 5,37             | 3,40             | 12,14                     | 13,39                       | 12,83                | 2,10            |
| 65  | 76                                | 40                   | 160                        | 5,67        | 5,37             | 3,40             | 12,14                     | 13,39                       | 12,83                | 2,10            |
| 80  | 89                                | 40                   | 173                        | 6,06        | 5,53             | 3,48             | 12,52                     | 13,92                       | 13,06                | 2,29            |
| -   | 102                               | 40                   | 199                        | 6,84        | 6,01             | 3,74             | 13,01                     | 15,37                       | 13,82                | 2,90            |
| 100 | 114                               | 40                   | 199                        | 6,84        | 7,72             | 3,86             | 13,01                     | 15,37                       | 13,82                | 2,90            |
| -   | 127                               | 40                   | 213                        | 7,46        | 7,98             | 3,99             | 13,52                     | 16,09                       | 14,11                | 3,04            |
| 125 | 140                               | 40                   | 225                        | 7,82        | 8,77             | 4,38             | 13,98                     | 16,81                       | 14,38                | 3,17            |
| 150 | 168                               | 40                   | 253                        | 8,66        | 9,97             | 4,99             | 14,56                     | 18,26                       | 14,97                | 3,57            |
| -   | 178                               | 40                   | 266                        | 9,05        | 10,28            | 5,14             | 14,89                     | 19,07                       | 15,25                | 3,73            |
| 200 | 219                               | 40                   | 304                        | 10,39       | 12,90            | 6,45             | 16,11                     | 21,57                       | 20,15                | 4,87            |
| -   | 230                               | 40                   | 318                        | 10,81       | 13,47            | 6,74             | 19,51                     | 25,69                       | 20,51                | 5,40            |
| 250 | 273                               | 40                   | 358                        | 12,00       | 17,40            | 8,82             | 21,23                     | 28,14                       | 21,73                | 5,86            |
| -   | 289                               | 40                   | 385                        | 12,81       | 19,18            | 9,71             | 22,35                     | 29,62                       | 22,60                | 6,13            |
| 300 | 324                               | 40                   | 411                        | 13,59       | 26,04            | 13,02            | 23,74                     | 30,62                       | 23,43                | 6,46            |
| -   | 356                               | 40                   | 436                        | 14,34       | 27,70            | 13,85            | 25,14                     | 32,95                       | 24,25                | 7,48            |

**HVAC and process pipes claddings**

Material hot galvanized steel EN 10346 Dx51d+z275MAC

| DN   | insulation pipe<br>inner diameter | Insulation thickness | Cladding outer<br>diameter | pipe<br>€/m | elbow 90<br>€/pc | elbow 45<br>€/pc | reduction<br>central €/pc | reduction<br>eccentral €/pc | t-connection<br>€/pc | end cap<br>€/pc |
|------|-----------------------------------|----------------------|----------------------------|-------------|------------------|------------------|---------------------------|-----------------------------|----------------------|-----------------|
| 15   | 22                                | 50                   | 133                        | 4,86        | 4,92             | 3,15             | 11,61                     | 12,94                       | 12,44                | 1,74            |
| 20   | 28                                | 50                   | 133                        | 4,86        | 4,92             | 3,15             | 11,61                     | 12,94                       | 12,44                | 1,74            |
| 25   | 35                                | 50                   | 146                        | 5,25        | 4,99             | 3,18             | 11,80                     | 13,14                       | 12,62                | 1,79            |
| 32   | 42                                | 50                   | 146                        | 5,25        | 4,99             | 3,18             | 11,80                     | 13,14                       | 12,62                | 1,79            |
| 40   | 48                                | 50                   | 160                        | 5,67        | 5,37             | 3,40             | 12,14                     | 13,39                       | 12,83                | 2,10            |
| -    | 54                                | 50                   | 160                        | 5,67        | 5,37             | 3,40             | 12,14                     | 13,39                       | 12,83                | 2,10            |
| 50   | 60                                | 50                   | 160                        | 5,67        | 5,37             | 3,40             | 12,14                     | 13,39                       | 12,83                | 2,10            |
| -    | 64                                | 50                   | 173                        | 6,06        | 5,53             | 3,48             | 12,52                     | 13,92                       | 13,06                | 2,29            |
| -    | 70                                | 50                   | 173                        | 6,06        | 5,53             | 3,48             | 12,52                     | 13,92                       | 13,06                | 2,29            |
| 65   | 76                                | 50                   | 185                        | 6,42        | 5,80             | 3,74             | 12,70                     | 14,65                       | 13,57                | 2,59            |
| 80   | 89                                | 50                   | 199                        | 6,84        | 6,01             | 3,74             | 13,01                     | 15,37                       | 13,82                | 2,90            |
| -    | 102                               | 50                   | 213                        | 7,46        | 6,37             | 3,93             | 13,52                     | 16,09                       | 14,11                | 3,04            |
| 100  | 114                               | 50                   | 225                        | 7,82        | 8,36             | 4,18             | 13,98                     | 16,81                       | 14,38                | 3,17            |
| -    | 127                               | 50                   | 238                        | 8,21        | 8,61             | 4,30             | 14,17                     | 17,53                       | 14,67                | 3,30            |
| 125  | 140                               | 50                   | 253                        | 8,66        | 9,32             | 4,66             | 14,56                     | 18,26                       | 14,97                | 3,57            |
| 150  | 168                               | 50                   | 278                        | 9,41        | 10,56            | 5,40             | 15,30                     | 19,94                       | 15,71                | 3,95            |
| -    | 178                               | 50                   | 292                        | 9,82        | 10,76            | 5,50             | 15,85                     | 20,73                       | 16,78                | 4,31            |
| 200  | 219                               | 50                   | 332                        | 11,23       | 13,75            | 7,00             | 19,80                     | 26,54                       | 20,88                | 5,54            |
| -    | 230                               | 50                   | 345                        | 11,61       | 14,29            | 7,27             | 20,49                     | 27,29                       | 21,23                | 5,66            |
| 250  | 273                               | 50                   | 385                        | 12,81       | 19,18            | 9,71             | 22,35                     | 29,62                       | 22,60                | 6,13            |
| -    | 289                               | 50                   | 396                        | 13,14       | 19,61            | 9,81             | 23,00                     | 30,12                       | 23,00                | 6,25            |
| 300  | 324                               | 50                   | 436                        | 14,34       | 27,70            | 13,85            | 25,14                     | 32,95                       | 24,25                | 7,48            |
| -    | 356                               | 50                   | 464                        | 15,17       | 29,01            | 14,51            | 26,41                     | 35,09                       | 27,51                | 7,92            |
| 350  | 356                               | 50                   | 464                        | 15,17       | 31,26            | 15,63            | 26,41                     | 35,09                       | 27,51                | 7,92            |
| -    | 371                               | 50                   | 478                        | 15,59       | 32,67            | 16,33            | 27,19                     | 36,46                       | 28,09                | 8,01            |
| 400  | 406                               | 50                   | 517                        | 19,75       | 46,26            | 23,13            | 30,72                     | 42,10                       | 31,51                | 9,05            |
| -    | 426                               | 50                   | 542                        | 20,62       | 53,53            | 26,76            | 32,82                     | 44,77                       | 34,38                | 9,39            |
| 500  | 508                               | 50                   | 622                        | 23,41       | 65,21            | 32,61            | 38,70                     | 53,41                       | 41,56                | 12,90           |
| -    | 533                               | 50                   | 647                        | 24,27       | 67,73            | 33,87            | 40,56                     | 55,57                       | 43,84                | 13,34           |
| 600  | 612                               | 50                   | 722                        | 27,09       | 84,47            | 42,23            | 46,28                     | 64,26                       | 50,84                | 14,62           |
| -    | 630                               | 50                   | 742                        | 27,78       | 85,75            | 42,87            | 47,74                     | 66,32                       | 52,77                | 14,96           |
| 700  | 714                               | 50                   | 831                        | 35,35       | 112,64           | 56,32            | 55,76                     | 77,88                       | 77,56                | 17,82           |
| 800  | 813                               | 50                   | 922                        | 38,98       | 154,25           | 77,12            | 64,70                     | 86,67                       | 83,88                | 20,85           |
| 900  | 914                               | 50                   | 1026                       | 44,35       | 194,26           | 97,13            | 75,31                     | 97,35                       | 92,06                | 24,79           |
| 1000 | 1016                              | 50                   | 1132                       | 48,57       | 210,24           | 105,12           | 85,61                     | 106,39                      | 100,29               | 29,00           |
| 25   | 35                                | 60                   | 160                        | 5,67        | 5,37             | 3,40             | 12,14                     | 13,39                       | 12,83                | 2,10            |
| 32   | 42                                | 60                   | 173                        | 6,06        | 5,53             | 3,48             | 12,52                     | 13,92                       | 13,06                | 2,29            |
| 40   | 48                                | 60                   | 173                        | 6,06        | 5,53             | 3,48             | 12,52                     | 13,92                       | 13,06                | 2,29            |
| -    | 54                                | 60                   | 185                        | 6,42        | 5,80             | 3,74             | 12,70                     | 14,65                       | 13,57                | 2,59            |
| 50   | 60                                | 60                   | 185                        | 6,42        | 5,80             | 3,74             | 12,70                     | 14,65                       | 13,57                | 2,59            |
| -    | 64                                | 60                   | 185                        | 6,42        | 5,80             | 3,74             | 12,70                     | 14,65                       | 13,57                | 2,59            |
| -    | 70                                | 60                   | 199                        | 6,84        | 6,01             | 3,74             | 13,01                     | 15,37                       | 13,82                | 2,90            |
| 65   | 76                                | 60                   | 199                        | 6,84        | 6,01             | 3,74             | 13,01                     | 15,37                       | 13,82                | 2,90            |
| 80   | 89                                | 60                   | 213                        | 7,46        | 6,37             | 3,93             | 13,52                     | 16,09                       | 14,11                | 3,04            |
| -    | 102                               | 60                   | 225                        | 7,82        | 8,36             | 4,18             | 13,98                     | 16,81                       | 14,38                | 3,17            |
| 100  | 114                               | 60                   | 238                        | 8,21        | 8,61             | 4,30             | 14,17                     | 17,53                       | 14,67                | 3,30            |
| -    | 127                               | 60                   | 253                        | 8,66        | 9,05             | 4,53             | 14,56                     | 18,26                       | 14,97                | 3,57            |
| 125  | 140                               | 60                   | 266                        | 9,05        | 9,57             | 4,79             | 14,89                     | 19,07                       | 15,25                | 3,73            |
| 150  | 168                               | 60                   | 292                        | 9,82        | 10,76            | 5,50             | 15,85                     | 20,73                       | 16,78                | 4,31            |
| -    | 178                               | 60                   | 310                        | 10,57       | 11,32            | 5,66             | 16,22                     | 21,78                       | 20,27                | 4,93            |
| 200  | 219                               | 60                   | 345                        | 11,61       | 14,29            | 7,27             | 20,49                     | 27,29                       | 21,23                | 5,66            |
| -    | 230                               | 60                   | 358                        | 12,00       | 14,85            | 7,55             | 21,23                     | 28,14                       | 21,73                | 5,86            |
| 250  | 273                               | 60                   | 396                        | 13,14       | 19,61            | 9,81             | 23,00                     | 30,12                       | 23,00                | 6,25            |
| -    | 289                               | 60                   | 424                        | 13,98       | 21,01            | 10,50            | 24,24                     | 31,79                       | 23,84                | 7,33            |
| 300  | 324                               | 60                   | 451                        | 14,79       | 28,50            | 14,25            | 25,81                     | 34,02                       | 26,93                | 7,72            |
| -    | 356                               | 60                   | 491                        | 15,98       | 30,86            | 15,43            | 27,59                     | 36,94                       | 28,48                | 8,18            |
| 350  | 356                               | 60                   | 491                        | 15,98       | 33,03            | 16,52            | 27,59                     | 36,94                       | 28,48                | 8,18            |
| -    | 371                               | 60                   | 504                        | 19,30       | 36,50            | 18,25            | 29,47                     | 40,55                       | 30,74                | 8,86            |
| 400  | 406                               | 60                   | 542                        | 20,62       | 53,53            | 26,76            | 32,82                     | 44,77                       | 34,38                | 9,39            |
| -    | 426                               | 60                   | 556                        | 21,11       | 54,06            | 27,03            | 34,09                     | 47,21                       | 35,42                | 9,64            |
| 500  | 508                               | 60                   | 635                        | 23,86       | 66,55            | 33,27            | 40,01                     | 54,85                       | 43,09                | 13,15           |
| -    | 533                               | 60                   | 661                        | 24,76       | 69,19            | 34,59            | 41,61                     | 57,02                       | 45,33                | 13,61           |

**HVAC and process pipes claddings**

Material hot galvanized steel EN 10346 Dx51d+z275MAC

| DN   | insulation pipe<br>inner diameter | Insulation thickness | Cladding outer<br>diameter | pipe<br>€/m | elbow 90<br>€/pc | elbow 45<br>€/pc | reduction<br>central €/pc | reduction<br>eccentral €/pc | t-connection<br>€/pc | end cap<br>€/pc |
|------|-----------------------------------|----------------------|----------------------------|-------------|------------------|------------------|---------------------------|-----------------------------|----------------------|-----------------|
| 600  | 612                               | 60                   | 742                        | 27,78       | 85,75            | 42,87            | 47,74                     | 66,32                       | 52,77                | 14,96           |
| -    | 630                               | 60                   | 768                        | 28,69       | 88,50            | 44,25            | 49,70                     | 68,81                       | 54,81                | 15,35           |
| 700  | 714                               | 60                   | 842                        | 35,79       | 114,68           | 57,34            | 57,33                     | 79,64                       | 78,28                | 17,99           |
| 800  | 813                               | 60                   | 940                        | 39,69       | 158,46           | 79,23            | 65,99                     | 88,56                       | 84,40                | 21,16           |
| 900  | 914                               | 60                   | 1052                       | 45,38       | 198,59           | 99,30            | 76,47                     | 98,23                       | 92,67                | 25,58           |
| 1000 | 1016                              | 60                   | 1156                       | 49,52       | 214,31           | 107,16           | 88,21                     | 108,91                      | 102,38               | 30,06           |
| 25   | 35                                | 80                   | 199                        | 6,84        | 6,01             | 3,74             | 13,01                     | 15,37                       | 13,82                | 2,90            |
| 32   | 42                                | 80                   | 213                        | 7,46        | 6,37             | 3,93             | 13,52                     | 16,09                       | 14,11                | 3,04            |
| 40   | 48                                | 80                   | 213                        | 7,46        | 6,37             | 3,93             | 13,52                     | 16,09                       | 14,11                | 3,04            |
| -    | 54                                | 80                   | 225                        | 7,82        | 8,36             | 4,18             | 13,98                     | 16,81                       | 14,38                | 3,17            |
| 50   | 60                                | 80                   | 225                        | 7,82        | 8,36             | 4,18             | 13,98                     | 16,81                       | 14,38                | 3,17            |
| -    | 64                                | 80                   | 225                        | 7,82        | 8,36             | 4,18             | 13,98                     | 16,81                       | 14,38                | 3,17            |
| -    | 70                                | 80                   | 238                        | 8,21        | 7,05             | 4,31             | 14,17                     | 17,53                       | 14,67                | 3,30            |
| 65   | 76                                | 80                   | 238                        | 8,21        | 8,61             | 4,30             | 14,17                     | 17,53                       | 14,67                | 3,30            |
| 80   | 89                                | 80                   | 253                        | 8,66        | 9,05             | 4,53             | 14,56                     | 18,26                       | 14,97                | 3,57            |
| -    | 102                               | 80                   | 266                        | 9,05        | 9,57             | 4,79             | 14,89                     | 19,07                       | 15,25                | 3,73            |
| 100  | 114                               | 80                   | 278                        | 9,41        | 10,07            | 5,04             | 15,30                     | 19,94                       | 15,71                | 3,95            |
| -    | 127                               | 80                   | 292                        | 9,82        | 10,42            | 5,21             | 15,85                     | 20,73                       | 16,78                | 4,31            |
| 125  | 140                               | 80                   | 304                        | 10,39       | 11,24            | 5,62             | 16,11                     | 21,57                       | 20,15                | 4,87            |
| 150  | 168                               | 80                   | 332                        | 11,23       | 12,42            | 6,34             | 19,80                     | 26,54                       | 20,88                | 5,54            |
| -    | 178                               | 80                   | 345                        | 11,61       | 12,92            | 6,58             | 20,49                     | 27,29                       | 21,23                | 5,66            |
| 200  | 219                               | 80                   | 385                        | 12,81       | 16,39            | 8,32             | 22,35                     | 29,62                       | 22,60                | 6,13            |
| -    | 230                               | 80                   | 396                        | 13,14       | 16,84            | 8,42             | 23,00                     | 30,12                       | 23,00                | 6,25            |
| 250  | 273                               | 80                   | 436                        | 14,34       | 21,46            | 10,73            | 25,14                     | 32,95                       | 24,25                | 7,48            |
| -    | 289                               | 80                   | 464                        | 15,17       | 22,70            | 11,35            | 26,41                     | 35,09                       | 27,51                | 7,92            |
| 300  | 324                               | 80                   | 491                        | 15,98       | 30,86            | 15,43            | 27,59                     | 36,94                       | 28,48                | 8,18            |
| -    | 356                               | 80                   | 530                        | 20,21       | 35,26            | 17,63            | 31,80                     | 43,65                       | 32,30                | 9,20            |
| 350  | 356                               | 80                   | 530                        | 20,21       | 38,28            | 19,14            | 31,80                     | 43,65                       | 32,30                | 9,20            |
| -    | 371                               | 80                   | 542                        | 20,62       | 42,97            | 21,49            | 32,82                     | 44,77                       | 34,38                | 9,39            |
| 400  | 406                               | 80                   | 582                        | 22,01       | 51,66            | 25,83            | 35,74                     | 49,14                       | 37,70                | 12,23           |
| -    | 426                               | 80                   | 592                        | 22,36       | 52,74            | 26,37            | 36,33                     | 49,97                       | 38,34                | 12,40           |
| 500  | 508                               | 80                   | 687                        | 25,67       | 71,01            | 35,51            | 43,27                     | 58,90                       | 47,04                | 14,01           |
| -    | 533                               | 80                   | 702                        | 26,39       | 72,26            | 36,13            | 44,91                     | 62,49                       | 49,15                | 14,29           |
| 600  | 612                               | 80                   | 792                        | 29,52       | 90,58            | 45,29            | 51,09                     | 70,58                       | 70,60                | 15,79           |
| -    | 630                               | 80                   | 802                        | 34,32       | 100,33           | 50,17            | 54,53                     | 76,37                       | 76,15                | 17,37           |
| 700  | 714                               | 80                   | 882                        | 37,38       | 119,24           | 59,62            | 61,17                     | 82,40                       | 80,39                | 18,69           |
| 800  | 813                               | 80                   | 986                        | 41,53       | 164,27           | 82,14            | 71,80                     | 94,33                       | 89,28                | 22,95           |
| 900  | 914                               | 80                   | 1092                       | 46,97       | 203,99           | 101,99           | 81,58                     | 102,75                      | 97,06                | 27,32           |
| 1000 | 1016                              | 80                   | 1196                       | 51,11       | 223,56           | 111,78           | 91,75                     | 111,92                      | 105,17               | 31,99           |
| 40   | 48                                | 100                  | 253                        | 8,66        | 7,46             | 4,53             | 14,56                     | 18,26                       | 14,97                | 3,57            |
| -    | 54                                | 100                  | 266                        | 9,05        | 9,57             | 4,79             | 14,89                     | 19,07                       | 15,25                | 3,73            |
| 50   | 60                                | 100                  | 266                        | 9,05        | 9,57             | 4,79             | 14,89                     | 19,07                       | 15,25                | 3,73            |
| -    | 64                                | 100                  | 266                        | 9,05        | 9,57             | 4,79             | 14,89                     | 19,07                       | 15,25                | 3,73            |
| 65   | 76                                | 100                  | 278                        | 9,41        | 10,07            | 5,04             | 15,30                     | 19,94                       | 15,71                | 3,95            |
| 80   | 89                                | 100                  | 292                        | 9,82        | 10,42            | 5,21             | 15,85                     | 20,73                       | 16,78                | 4,31            |
| 100  | 114                               | 100                  | 318                        | 10,81       | 11,71            | 5,86             | 19,51                     | 25,69                       | 20,51                | 5,40            |
| -    | 127                               | 100                  | 332                        | 11,23       | 12,24            | 6,25             | 19,80                     | 26,54                       | 20,88                | 5,54            |
| 125  | 140                               | 100                  | 345                        | 11,61       | 12,92            | 6,58             | 20,49                     | 27,29                       | 21,23                | 5,66            |
| 150  | 168                               | 100                  | 371                        | 12,39       | 15,07            | 7,66             | 21,76                     | 29,18                       | 22,18                | 6,00            |
| -    | 178                               | 100                  | 385                        | 12,81       | 15,53            | 7,89             | 22,35                     | 29,62                       | 22,60                | 6,13            |
| 200  | 219                               | 100                  | 424                        | 13,98       | 17,98            | 8,99             | 24,24                     | 31,79                       | 23,84                | 7,33            |
| -    | 230                               | 100                  | 436                        | 14,34       | 18,39            | 9,20             | 25,14                     | 32,95                       | 24,25                | 7,48            |
| 250  | 273                               | 100                  | 491                        | 15,98       | 23,98            | 11,99            | 27,59                     | 36,94                       | 28,48                | 8,18            |
| -    | 289                               | 100                  | 504                        | 19,30       | 26,67            | 13,33            | 29,47                     | 40,55                       | 30,74                | 8,86            |
| 300  | 324                               | 100                  | 530                        | 20,21       | 35,55            | 17,78            | 31,80                     | 43,65                       | 32,30                | 9,20            |
| -    | 356                               | 100                  | 572                        | 21,67       | 40,87            | 20,44            | 34,93                     | 48,64                       | 36,92                | 9,79            |
| 350  | 356                               | 100                  | 572                        | 21,67       | 41,09            | 20,55            | 34,93                     | 48,64                       | 36,92                | 9,79            |
| -    | 371                               | 100                  | 582                        | 22,01       | 41,72            | 20,86            | 35,74                     | 49,14                       | 37,70                | 12,23           |
| 400  | 406                               | 100                  | 622                        | 23,41       | 55,00            | 27,50            | 38,70                     | 53,41                       | 41,56                | 12,90           |
| -    | 426                               | 100                  | 635                        | 23,86       | 56,13            | 28,07            | 40,01                     | 54,85                       | 43,09                | 13,15           |
| 500  | 508                               | 100                  | 722                        | 27,09       | 74,10            | 37,05            | 46,28                     | 64,26                       | 50,84                | 14,62           |
| -    | 533                               | 100                  | 752                        | 28,13       | 76,19            | 38,09            | 48,74                     | 67,15                       | 53,39                | 15,12           |
| 600  | 612                               | 100                  | 831                        | 35,35       | 103,62           | 51,81            | 55,76                     | 77,88                       | 77,56                | 17,82           |
| -    | 630                               | 100                  | 842                        | 35,79       | 105,50           | 52,75            | 57,33                     | 79,64                       | 78,28                | 17,99           |
| 700  | 714                               | 100                  | 922                        | 38,98       | 147,29           | 73,64            | 64,70                     | 86,67                       | 83,88                | 20,85           |
| 800  | 813                               | 100                  | 1026                       | 44,35       | 169,28           | 84,64            | 75,31                     | 97,35                       | 92,06                | 24,79           |
| 900  | 914                               | 100                  | 1132                       | 48,57       | 210,24           | 105,12           | 85,61                     | 106,39                      | 100,29               | 29,00           |
| 1000 | 1016                              | 100                  | 1237                       | 52,75       | 234,10           | 117,05           | 94,67                     | 114,56                      | 107,59               | 34,16           |

**HVAC and process pipes claddings**

Material hot galvanized steel EN 10346 Dx51d+z275MAC

| DN   | insulation pipe<br>inner diameter | Insulation thickness | Cladding outer<br>diameter | pipe<br>€/m | elbow 90<br>€/pc | elbow 45<br>€/pc | reduction<br>central €/pc | reduction<br>eccentral €/pc | t-connection<br>€/pc | end cap<br>€/pc |
|------|-----------------------------------|----------------------|----------------------------|-------------|------------------|------------------|---------------------------|-----------------------------|----------------------|-----------------|
| 80   | 89                                | 120                  | 332                        | 11,23       | 12,24            | 6,25             | 19,80                     | 26,54                       | 20,88                | 5,54            |
| 100  | 114                               | 120                  | 358                        | 12,00       | 13,41            | 6,83             | 21,23                     | 28,14                       | 21,73                | 5,86            |
| 125  | 140                               | 120                  | 385                        | 12,81       | 15,53            | 7,89             | 22,35                     | 29,62                       | 22,60                | 6,13            |
| 150  | 168                               | 120                  | 424                        | 13,98       | 17,05            | 8,52             | 24,24                     | 31,79                       | 23,84                | 7,33            |
| -    | 178                               | 120                  | 424                        | 13,98       | 17,05            | 8,52             | 24,24                     | 31,79                       | 23,84                | 7,33            |
| 200  | 219                               | 120                  | 464                        | 15,17       | 19,41            | 9,71             | 26,41                     | 35,09                       | 27,51                | 7,92            |
| -    | 230                               | 120                  | 478                        | 15,59       | 20,31            | 10,15            | 27,19                     | 36,46                       | 28,09                | 8,01            |
| 250  | 273                               | 120                  | 530                        | 20,21       | 27,99            | 13,99            | 31,80                     | 43,65                       | 32,30                | 9,20            |
| -    | 289                               | 120                  | 542                        | 20,62       | 31,17            | 15,59            | 32,82                     | 44,77                       | 34,38                | 9,39            |
| 300  | 324                               | 120                  | 582                        | 22,01       | 41,69            | 20,84            | 35,74                     | 49,14                       | 37,70                | 12,23           |
| -    | 356                               | 120                  | 612                        | 23,06       | 43,43            | 21,71            | 37,81                     | 52,36                       | 40,94                | 12,73           |
| 350  | 356                               | 120                  | 612                        | 23,06       | 43,60            | 21,80            | 37,81                     | 52,36                       | 40,94                | 12,73           |
| -    | 371                               | 120                  | 622                        | 23,41       | 44,37            | 22,19            | 38,70                     | 53,41                       | 41,56                | 12,90           |
| 400  | 406                               | 120                  | 661                        | 24,76       | 62,80            | 31,40            | 41,61                     | 57,02                       | 45,33                | 13,61           |
| -    | 426                               | 120                  | 675                        | 25,25       | 63,57            | 31,78            | 42,54                     | 57,85                       | 46,09                | 13,79           |
| 500  | 508                               | 120                  | 768                        | 28,69       | 77,47            | 38,74            | 49,70                     | 68,81                       | 54,81                | 15,35           |
| -    | 533                               | 120                  | 792                        | 29,52       | 79,34            | 39,67            | 51,09                     | 70,58                       | 70,60                | 15,79           |
| 600  | 612                               | 120                  | 872                        | 36,99       | 108,26           | 54,13            | 60,14                     | 81,27                       | 80,05                | 18,48           |
| -    | 630                               | 120                  | 882                        | 37,38       | 109,74           | 54,87            | 61,17                     | 82,40                       | 80,39                | 18,69           |
| 700  | 714                               | 120                  | 975                        | 41,09       | 155,16           | 77,58            | 70,84                     | 93,33                       | 88,45                | 22,59           |
| 800  | 813                               | 120                  | 1067                       | 45,98       | 174,45           | 87,22            | 79,01                     | 100,24                      | 94,88                | 26,22           |
| 900  | 914                               | 120                  | 1172                       | 50,16       | 217,56           | 108,78           | 89,45                     | 109,78                      | 103,27               | 30,99           |
| 1000 | 1016                              | 120                  | 1277                       | 54,34       | 242,99           | 121,50           | 97,22                     | 117,08                      | 109,96               | 36,50           |
| 125  | 140                               | 140                  | 424                        | 13,98       | 17,05            | 8,52             | 24,24                     | 31,79                       | 23,84                | 7,33            |
| 150  | 168                               | 140                  | 464                        | 15,17       | 19,41            | 9,71             | 26,41                     | 35,09                       | 27,51                | 7,92            |
| 200  | 219                               | 140                  | 517                        | 19,75       | 24,86            | 12,43            | 30,72                     | 42,10                       | 31,51                | 9,05            |
| 250  | 273                               | 140                  | 568                        | 21,53       | 29,75            | 14,87            | 34,46                     | 47,92                       | 36,19                | 9,70            |
| 300  | 324                               | 140                  | 622                        | 23,41       | 44,40            | 22,20            | 38,70                     | 53,41                       | 41,56                | 12,90           |
| -    | 356                               | 140                  | 647                        | 24,27       | 45,86            | 22,93            | 40,56                     | 55,57                       | 43,84                | 13,34           |
| 350  | 356                               | 140                  | 647                        | 24,27       | 50,72            | 25,36            | 40,56                     | 55,57                       | 43,84                | 13,34           |
| -    | 371                               | 140                  | 661                        | 24,76       | 51,80            | 25,90            | 41,61                     | 57,02                       | 45,33                | 13,61           |
| 400  | 406                               | 140                  | 702                        | 26,39       | 65,55            | 32,77            | 44,91                     | 62,49                       | 49,15                | 14,29           |
| -    | 426                               | 140                  | 712                        | 26,74       | 66,37            | 33,18            | 45,69                     | 63,32                       | 49,99                | 14,46           |
| 500  | 508                               | 140                  | 802                        | 34,32       | 87,17            | 43,59            | 54,53                     | 76,37                       | 76,15                | 17,37           |
| -    | 533                               | 140                  | 831                        | 35,35       | 90,12            | 45,06            | 55,76                     | 77,88                       | 77,56                | 17,82           |
| 600  | 612                               | 140                  | 912                        | 38,58       | 114,85           | 57,42            | 64,25                     | 85,54                       | 82,82                | 20,54           |
| -    | 630                               | 140                  | 922                        | 38,98       | 117,80           | 58,90            | 64,70                     | 86,67                       | 83,88                | 20,85           |
| 700  | 714                               | 140                  | 1012                       | 43,79       | 160,37           | 80,19            | 72,58                     | 94,96                       | 90,22                | 24,28           |
| 800  | 813                               | 140                  | 1107                       | 47,57       | 179,76           | 89,88            | 82,91                     | 103,88                      | 97,92                | 27,96           |
| 900  | 914                               | 140                  | 1212                       | 51,75       | 229,19           | 114,59           | 93,21                     | 113,05                      | 106,23               | 33,29           |
| 1000 | 1016                              | 140                  | 1317                       | 55,93       | 250,48           | 125,24           | 99,77                     | 119,21                      | 112,35               | 38,76           |
| 150  | 168                               | 160                  | 504                        | 19,30       | 24,31            | 12,16            | 29,47                     | 40,55                       | 30,74                | 8,86            |
| 200  | 219                               | 160                  | 556                        | 21,11       | 28,85            | 14,43            | 34,09                     | 47,21                       | 35,42                | 9,64            |
| 250  | 273                               | 160                  | 612                        | 23,06       | 31,93            | 15,97            | 37,81                     | 52,36                       | 40,94                | 12,73           |
| 300  | 324                               | 160                  | 661                        | 24,76       | 47,05            | 23,53            | 41,61                     | 57,02                       | 45,33                | 13,61           |
| 350  | 356                               | 160                  | 687                        | 25,67       | 53,20            | 26,60            | 43,27                     | 58,90                       | 47,04                | 14,01           |
| 400  | 406                               | 160                  | 742                        | 27,78       | 68,13            | 34,07            | 47,74                     | 66,32                       | 52,77                | 14,96           |
| -    | 426                               | 160                  | 768                        | 28,69       | 70,21            | 35,11            | 49,70                     | 68,81                       | 54,81                | 15,35           |
| 500  | 508                               | 160                  | 842                        | 35,79       | 91,70            | 45,85            | 57,33                     | 79,64                       | 78,28                | 17,99           |
| -    | 533                               | 160                  | 872                        | 36,99       | 94,14            | 47,07            | 60,14                     | 81,27                       | 80,05                | 18,48           |
| 600  | 612                               | 160                  | 940                        | 39,69       | 120,99           | 60,49            | 65,99                     | 88,56                       | 84,40                | 21,16           |
| -    | 630                               | 160                  | 962                        | 40,57       | 122,30           | 61,15            | 68,87                     | 90,94                       | 87,36                | 22,16           |
| 700  | 714                               | 160                  | 1052                       | 45,38       | 165,46           | 82,73            | 76,47                     | 98,23                       | 92,67                | 25,58           |
| 800  | 813                               | 160                  | 1147                       | 49,16       | 184,66           | 92,33            | 86,81                     | 107,40                      | 101,23               | 29,69           |
| 900  | 914                               | 160                  | 1252                       | 53,34       | 238,44           | 119,22           | 95,88                     | 115,75                      | 108,54               | 35,19           |
| 1000 | 1016                              | 160                  | 1360                       | 57,64       | 258,43           | 129,21           | 103,08                    | 122,48                      | 115,64               | 42,39           |

NOTE! Prices printed on blue background are stock products. Other than stock products prices are valid with minimum order 5 pieces/product.

VAT 0 %.

**Pricing policy for pipe claddings which are cut to a specific length according to order:**

Length under 500 mm, increase +25% compared to standard price

Length 500 - 1000 mm, increase +35% compared to standard price