

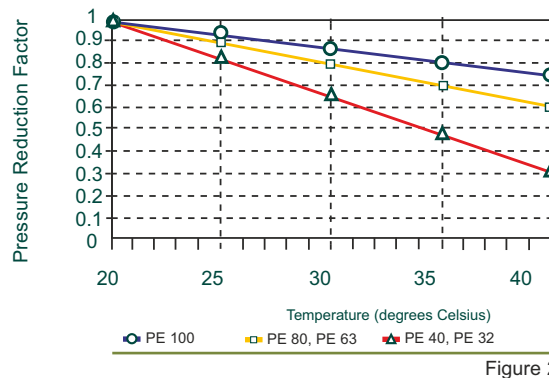
# Polyethylene Pipes

**Description:** Polyethylene pipes for low- and high- pressure water supply, conveyance of other suitable fluids and irrigation systems.

**Range :** Metric series from Ø16 up to Ø250 mm, Imperial series from Ø1/2" up to Ø1"

**Pressure Rating:** Pipes are available with pressure rating from 1 up to 25 bar at 20°C. Maximum working pressure is related to the SDR (diameter/thickness ratio), the safety coefficient C and the MRS of the pipe material.

The pressure rating has to be adjusted as shown in the figure below, if the pipes are to be used at higher temperatures.



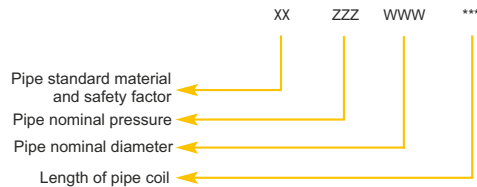
**Methods of joining:** Pipes in the range Ø16 – Ø110 mm can be joined using Elysee polypropylene compression fittings. Larger diameter pipes can be joined either by butt fusion welding or with electrofusion type fittings.

**Lengths available:** Straight lengths of 6 and 12 m or coils of 31,50, 61, 75, 100 and 200 m.

**Materials:** Low (PE32 & PE40), Medium and High (PE80 & PE100) Density Polyethylene. PE pipes are approved for use in potable water supply systems. Black PE pipes are suitable for exposure to sun light ( UV ) and give excellent chemical resistance.

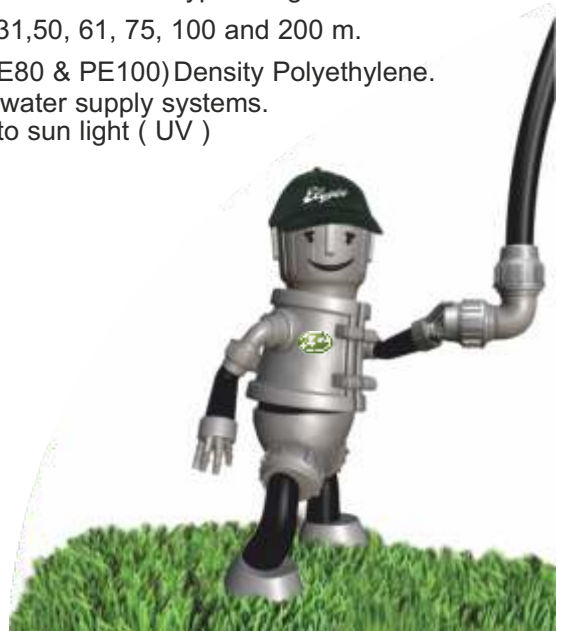
Please refer to technical catalogue for specific data sheets.

**Code for PE Pipes:** The code for PE pipes reads as follows:



**Example:**

Order code 33 125 075 100 stands for: 100m coil of high-density ( PE 80 ) polyethylene pipe 75mm nominal diameter and 12,5 bar nominal pressure, which is manufactured according to EN 12201 standard, using safety factor 1,25.



**PE DRIPLINE**  
ΣΤΑΛΑΚΤΗΦΟΡΟΣ ΣΩΛΗΝΑΣ



ΣΤΑΛΑΚΤΗΦΟΡΟΣ ΣΩΛΗΝΑΣ ΝΑΑΝ

**No.530**

**INTEGRATED DRIPLINE**

| Code        | Description<br>(mm - l/h -Sp*) | Max. lateral length<br>(m) | Coils<br>(m) | Price<br>(€/coil) |
|-------------|--------------------------------|----------------------------|--------------|-------------------|
| 53001640020 | 16/4/20                        |                            | 400          | 308.00            |
| 53001640025 | 16/4/25                        |                            | 400          | 308.00            |
| 53001640033 | 16/4/33                        | 43                         | 400          | 249.80            |
| 53001640045 | 16/4/45                        | 55                         | 400          | 234.60            |
| 53001640060 | 16/4/60                        | 71                         | 400          | 226.95            |
| 53001640075 | 16/4/75                        | 75                         | 400          | 211.70            |
| 53001640100 | 16/4/100                       | 86                         | 400          | 211.70            |
| 53002040020 | 20/4/20                        | 41                         | 300          | -                 |
| 53002040025 | 20/4/25                        | 51                         | 300          | -                 |
| 53002040033 | 20/4/33                        | 68                         | 300          | 240.90            |
| 53002040045 | 20/4/45                        | 90                         | 300          | 211.70            |
| 53002040060 | 20/4/60                        | 105                        | 300          | 205.40            |
| 53002040075 | 20/4/75                        | 118                        | 300          | 197.80            |
| 53002040100 | 20/4/100                       | 145                        | 300          | 191.50            |

ΣΤΑΛΑΚΤΗΦΟΡΟΣ ΣΩΛΗΝΑΣ  
ΑΥΤΟΥΡΥΘΜΙΖΟΜΕΝΟΣ

**No.531**

**PRESSURE COMPENSATED DRIPLINE**

| Code        | Description<br>(mm - l/h -Sp*) | Max. lateral length<br>(m) | Coils<br>(m) | Price<br>(€/coil) |
|-------------|--------------------------------|----------------------------|--------------|-------------------|
| 53101638033 | 16/3,8/33                      | 60                         | 400          | 351.20            |
| 53101638045 | 16/3,8/45                      | 100                        | 400          | 308.00            |
| 53101638060 | 16/3,8/60                      | 120                        | 400          | 292.90            |
| 53101638075 | 16/3,8/75                      | 140                        | 400          | 278.90            |
| 53101638100 | 16/3,8/100                     | 180                        | 400          | 270.00            |
| 53102038033 | 20/3,8/33                      | 120                        | 300          | 398.90            |
| 53102038045 | 20/3,8/45                      | 140                        | 300          | 383.50            |
| 53102038060 | 20/3,8/60                      | 200                        | 300          | 368.20            |
| 53102038075 | 20/3,8/75                      | 240                        | 300          | -                 |
| 53102038100 | 20/3,8/100                     | 300                        | 300          | -                 |

ΣΤΑΛΑΚΤΗΦΟΡΟΣ ΣΩΛΗΝΑΣ  
ΕΛΛΗΝΙΚΟΣ

**No.539**

**INTEGRATED DRIPLINE**

| Code        | Description<br>(mm - l/h -Sp*) | Max. lateral length<br>(m) | Coils<br>(m) | Price<br>(€/coil) |
|-------------|--------------------------------|----------------------------|--------------|-------------------|
| 53901640020 | 16/4/20                        | -                          | 400          | 205.40            |
| 53901640025 | 16/4/25                        | -                          | 400          | 205.40            |
| 53901640033 | 16/4/33                        | 43                         | 400          | 162.15            |
| 53901640045 | 16/4/45                        | 55                         | 400          | 162.15            |
| 53901640060 | 16/4/60                        | 71                         | 400          | 162.15            |
| 53901640075 | 16/4/75                        | 75                         | 400          | 162.15            |
| 53901640100 | 16/4/100                       | 86                         | 400          | 162.15            |
| 53902040020 | 20/4/20                        | 41                         | 300          | 162.15            |
| 53902040025 | 20/4/25                        | 51                         | 300          | 162.15            |
| 53902040033 | 20/4/33                        | 65                         | 300          | 162.15            |
| 53902040040 | 20/4/40                        | 77                         | 300          | 162.15            |
| 53902040045 | 20/4/45                        | 83                         | 300          | 162.15            |
| 53902040060 | 20/4/60                        | 105                        | 300          | 162.15            |
| 53902040075 | 20/4/75                        | 118                        | 300          | 162.15            |
| 53902040100 | 20/4/100                       | 145                        | 300          | 162.15            |

ΣΤΑΛΑΚΤΗΦΟΡΟΣ ELYSEE

**No.910**

**ELYSEE DRIP**

| Code            | Description                         | Nominal Diameter<br>(mm) | Min Wall thickness<br>(mm) | Coils<br>(m) | Price<br>(€/m) |
|-----------------|-------------------------------------|--------------------------|----------------------------|--------------|----------------|
| 582010020***SSS | PE PIPE with on-line drippers 10l/h | 20                       | 1.4                        | 200          | 0.80           |

**No.610**

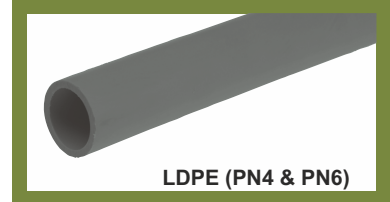
**SOFT PVC**

| Nominal Diameter<br>(mm) | Code       | Weight<br>(kg/m) | Price<br>(€/m) |
|--------------------------|------------|------------------|----------------|
| 5.4X3.2                  | 6105432*** | 0.015            | 0.16           |
| 6X4                      | 6106040*** | 0.019            | 0.27           |
| 7X4                      | 6107448*** | 0.030            | 0.33           |
| 9X6                      | 6109060*** | 0.053            | 0.35           |



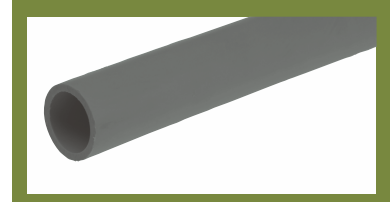
**POLYETHYLENE PIPES**  
ΛΑΣΤΙΧΑ ΠΟΛΥΑΙΘΥΛΕΝΙΟΥ

| PN4 (SDR:13.6)        |             |                         |               |             |
|-----------------------|-------------|-------------------------|---------------|-------------|
| Nomimal Diameter (mm) | Code        | Min Wall Thickness (mm) | Weight (kg/m) | Price (€/m) |
| 16                    | 12040016*** | 1.5                     | 0.077         | 0.58        |
| 20                    | 12040020*** | 1.6                     | 0.099         | 0.73        |
| 25                    | 12040025*** | 1.9                     | 0.139         | 0.99        |
| 32                    | 12040032*** | 2.4                     | 0.225         | 1.52        |
| 40                    | 12040040*** | 3.0                     | 0.345         | 2.34        |



**CYS 106**

| Pn6 (SDR:21)          |             |                         |               |             |
|-----------------------|-------------|-------------------------|---------------|-------------|
| Nomimal Diameter (mm) | Code        | Min Wall Thickness (mm) | Weight (kg/m) | Price (€/m) |
| 50                    | 33060050*** | 2.4                     | 0.374         | 2.64        |
| 63                    | 33060063*** | 3.0                     | 0.58          | 4.14        |
| 75                    | 33060075*** | 3.6                     | 0.828         | 6.15        |
| 90                    | 33060090*** | 4.3                     | 1.18          | 8.57        |
| 110                   | 33060110*** | 5.3                     | 1.77          | 16.83       |



**CYS EN 12201**

| CYS 106 (Brown)       |             |                         |               |             |
|-----------------------|-------------|-------------------------|---------------|-------------|
| Nomimal Diameter (mm) | Code        | Min Wall Thickness (mm) | Weight (kg/m) | Price (€/m) |
| 16                    | 18040016*** | 1.5                     | 1             | 0.67        |
| 20                    | 18040020*** | 1.6                     | 1             | 0.85        |
| 25                    | 18040025*** | 1.9                     | 1             | 1.15        |



**BROWN LDPE Pn4**

| CYS 106 (White)       |             |                         |               |             |
|-----------------------|-------------|-------------------------|---------------|-------------|
| Nomimal Diameter (mm) | Code        | Min Wall Thickness (mm) | Weight (kg/m) | Price (€/m) |
| 16                    | 18140016*** | 1.5                     | 0.077         | 0.67        |
| 20                    | 18140020*** | 1.6                     | 0.099         | 0.85        |
| 25                    | 18140025*** | 1.9                     | 0.139         | 1.15        |



**WHITE LDPE Pn4**

| PN9 (SDR:8)           |             |                           |                         |               |             |
|-----------------------|-------------|---------------------------|-------------------------|---------------|-------------|
| Nomimal Diameter (in) | Code        | Min Outside Diameter (mm) | Min Wall Thickness (mm) | Weight (kg/m) | Price (€/m) |
| 1/2                   | 19090001*** | 21.2                      | 2.7                     | 0.153         | 1.05        |
| 3/4                   | 19090002*** | 26.2                      | 3.4                     | 0.235         | 1.72        |
| 1                     | 19090003*** | 32.8                      | 4.2                     | 0.361         | 2.50        |

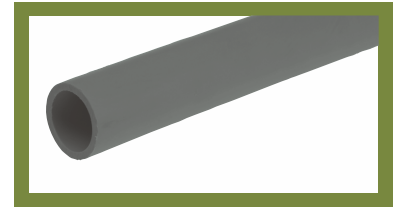


**BS 1972**

**POLYETHYLENE PIPES**  
ΛΑΣΤΙΚΑ ΠΟΛΥΑΙΘΥΛΕΝΙΟΥ



| PN12.5 (SDR:11)  |             |                    |        |       |
|------------------|-------------|--------------------|--------|-------|
| Nomimal Diameter | Code        | Min Wall Thickness | Weight | Price |
| (mm)             |             | (mm)               | (kg/m) | (€/m) |
| 20               | 33125020*** | 2.0                | 0.126  | 1.10  |
| 25               | 33125025*** | 2.3                | 0.161  | 1.60  |
| 32               | 33125032*** | 3.0                | 0.269  | 2.45  |



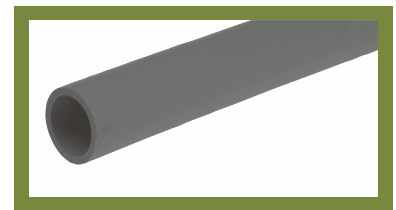
**CYS EN 12201**

| Pn10 (SDR:17)    |             |                    |        |       |
|------------------|-------------|--------------------|--------|-------|
| Nomimal Diameter | Code        | Min Wall Thickness | Weight | Price |
| (mm)             |             | (mm)               | (kg/m) | (€/m) |
| 32               | 41100032001 | 2.0                | 0.193  | 2.50  |
| 40               | 41100040001 | 2.4                | 0.293  | 3.05  |
| 50               | 41100050001 | 3.0                | 0.451  | 4.65  |
| 63               | 41100063001 | 3.8                | 0.719  | 6.73  |
| 75               | 41100075001 | 4.5                | 1.01   | 9.77  |
| 90               | 41100090001 | 5.4                | 1.46   | 14.25 |
| 110              | 41100110001 | 6.6                | 2.17   | 21.78 |



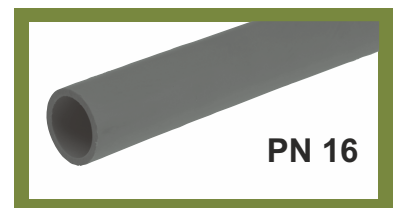
**CYS EN 12201**

| PN12.5 (SDR:13.6) |             |                    |        |       |
|-------------------|-------------|--------------------|--------|-------|
| Nomimal Diameter  | Code        | Min Wall Thickness | Weight | Price |
| (mm)              |             | (mm)               | (kg/m) | (€/m) |
| 40                | 41125040*** | 3.0                | 0.36   | 3.76  |
| 50                | 41125050*** | 3.7                | 0.548  | 4.88  |
| 63                | 41125063*** | 4.7                | 0.873  | 7.85  |
| 75                | 41125075*** | 5.6                | 1.24   | 9.77  |
| 90                | 41125090*** | 6.7                | 1.77   | 14.72 |
| 110               | 41125110*** | 8.1                | 2.62   | 21.80 |



**CYS EN 12201**

| PN 16 (SDR:11)   |             |                    |        |       |
|------------------|-------------|--------------------|--------|-------|
| Nomimal Diameter | Code        | Min Wall Thickness | Weight | Price |
| (mm)             |             | (mm)               | (kg/m) | (€/m) |
| 20               | 41160020*** | 2.0                | 0.116  | 1.12  |
| 25               | 41160025*** | 2.3                | 0.169  | 1.91  |
| 32               | 41160032*** | 3.0                | 0.277  | 2.90  |
| 40               | 41160040*** | 3.7                | 0.429  | 4.48  |
| 50               | 41160050*** | 4.6                | 0.665  | 5.94  |
| 63               | 41160063*** | 5.8                | 1.05   | 9.64  |
| 75               | 41160075*** | 6.8                | 1.47   | 13.20 |
| 90               | 41160090*** | 8.2                | 2.13   | 19.40 |
| 110              | 41160110*** | 10.0               | 3.16   | 29.04 |
| 32               | 41200032*** | 3.6                | 0.326  | 3.21  |
| 40               | 41250040*** | 5.5                | 0.601  | 6.24  |



**CYS EN 12201**

| CYS EN12201 Pn20 |             |                    |        |       |
|------------------|-------------|--------------------|--------|-------|
| Nomimal Diameter | Code        | Min Wall Thickness | Weight | Price |
| (mm)             |             | (mm)               | (kg/m) | (€/m) |
| 32               | 41200032*** | 3.6                | 0.326  | 3.21  |



**CYS En12201**

| CYS EN12201 Pn25 |             |                    |        |       |
|------------------|-------------|--------------------|--------|-------|
| Nomimal Diameter | Code        | Min Wall Thickness | Weight | Price |
| (mm)             |             | (mm)               | (kg/m) | (€/m) |
| 40               | 41250040*** | 5.5                | 0.601  | 6.24  |



**CYS En12201**



CYS EN 12201

| Material              | Safety Factor | PRESSURE RATING |           |           | PRESSURE RATING |           |           | PRESSURE RATING |           |           | PRESSURE RATING |           |          | Temperature in °C | Years of Service |            |               |           |                       |            |
|-----------------------|---------------|-----------------|-----------|-----------|-----------------|-----------|-----------|-----------------|-----------|-----------|-----------------|-----------|----------|-------------------|------------------|------------|---------------|-----------|-----------------------|------------|
|                       |               | CODE            | PN        | CODE      | PN              | CODE      | PN        | CODE            | PN        | CODE      | PN              | CODE      | PN       |                   |                  |            |               |           |                       |            |
| PE80                  | 1.25          | 33050***        | 5.0       | 33060***  | 6.0             | 33080***  | 8.0       | 33100***        | 10.0      | 33125***  | 12.5            | 33160***  | 16.0     | 33200***          | 20.0             | 33250***   | 25.0          | 20        | 50                    |            |
| PE80                  | 1.6           | 34040***        | 4.0       | 34050***  | 5.0             | 34060***  | 6.0       | 34080***        | 8.0       | 34100***  | 10.0            | 34125***  | 12.5     | 34160***          | 16.0             | 34200***   | 20.0          | 20        | 50                    |            |
| *PE100                | 1.25          | 41060***        | 6.0       | 41080***  | 8.0             | 41100***  | 10.0      | 41125***        | 12.5      | 41160***  | 16.0            | 41200***  | 20.0     | 41250***          | 25.0             |            |               | 20        | 50                    |            |
| *PE100                | 1.6           | 42050***        | 5.0       | 42060***  | 6.0             | 42080***  | 8.0       | 42100***        | 10.0      | 42125***  | 12.5            | 42160***  | 16.0     | 42200***          | 20.0             | 42250***   | 25.0          | 20        | 50                    |            |
| Nominal Diameter (mm) | S             | Weight (kg/m)   | Price (€) | S         | Weight (kg/m)   | Price (€) | S         | Weight (kg/m)   | Price (€) | S         | Weight (kg/m)   | Price (€) | S        | Weight (kg/m)     | Price (€)        | S          | Weight (kg/m) | Price (€) | Nominal Diameter (mm) |            |
| 16                    |               |                 |           |           |                 |           |           |                 |           | 2.0       | 0.09            | -         | 2.3      | 0.102             | -                | 3.0        | 0.123         | -         | 16                    |            |
| 20                    |               |                 |           |           |                 |           |           |                 |           | 2.0       | 0.116           | -         | 2.3      | 0.132             | -                | 3.0        | 0.162         | -         | 20                    |            |
| 25                    |               |                 |           |           |                 |           |           | 2.0             | 0.148     | -         | 2.3             | 0.169     | -        | 3.0               | 0.21             | -          | 3.4           | 0.237     | -                     | 25         |
| 32                    |               |                 |           | 2.0       | 0.193           | -         | 2.4       | 0.23            | -         | 3.0       | 0.277           | -         | 3.6      | 0.326             | -                | 4.4        | 0.386         | -         | 32                    |            |
| 40                    |               |                 |           | 2.0       | 0.245           | -         | 3.0       | 0.36            | -         | 3.7       | 0.429           | -         | 4.5      | 0.509             | -                | 5.5        | 0.601         | -         | 40                    |            |
| 50                    | 2.0           | 0.31            | -         | 2.4       | 0.371           | -         | 3.0       | 0.451           | -         | 4.6       | 0.665           | -         | 5.6      | 0.789             | -                | 6.9        | 0.938         | -         | 50                    |            |
| 63                    | 2.5           | 0.49            | -         | 3.0       | 0.576           | -         | 3.8       | 0.719           | -         | 5.8       | 1.05            | -         | 7.1      | 1.26              | -                | 8.6        | 1.48          | -         | 63                    |            |
| 75                    | 2.9           | 0.671           | -         | 3.6       | 0.825           | -         | 4.5       | 1.01            | -         | 6.8       | 1.47            | -         | 8.4      | 1.77              | -                | 10.3       | 2.1           | -         | 75                    |            |
| 90                    | 3.5           | 0.974           | -         | 4.3       | 1.18            | -         | 5.4       | 1.46            | -         | 8.2       | 2.13            | -         | 10.1     | 2.55              | -                | 12.3       | 3.01          | -         | 90                    |            |
| 110                   | 4.2           | 1.43            | -         | 5.3       | 1.77            | -         | 6.6       | 2.17            | -         | 10.0      | 3.16            | -         | 12.3     | 3.8               | -                | 15.1       | 4.52          | -         | 110                   |            |
| 125                   | 4.8           | 1.84            | -         | 6.0       | 2.27            | -         | 7.4       | 2.77            | -         | 11.4      | 4.1             | -         | 14.0     | 4.91              | -                | 17.1       | 5.81          | -         | 125                   |            |
| 140                   | 5.4           | 2.32            | -         | 6.7       | 2.84            | -         | 8.3       | 3.48            | -         | 12.7      | 5.11            | -         | 15.7     | 6.15              | -                | 19.2       | 7.3           | -         | 140                   |            |
| 160                   | 6.2           | 3.05            | -         | 7.7       | 3.73            | -         | 9.5       | 4.54            | -         | 14.6      | 6.7             | -         | 17.9     | 8.02              | -                |            |               |           | 160                   |            |
| 180                   | 6.9           | 3.79            | -         | 8.6       | 4.68            | -         | 10.7      | 5.74            | -         | 16.4      | 8.49            | -         | 20.1     | 10.1              | -                |            |               |           | 180                   |            |
| 200                   | 7.7           | 4.71            | -         | 9.6       | 5.8             | -         | 11.9      | 7.08            | -         | 18.2      | 10.5            | -         | 22.4     | 12.5              | -                |            |               |           | 200                   |            |
| 225                   | 8.6           | 5.92            | -         | 10.3      | 6.97            | -         | 13.4      | 8.99            | -         | 20.5      | 13.2            | -         | 25.2     | 15.9              | -                |            |               |           | 225                   |            |
| 250                   | 9.6           | 7.34            | -         | 11.4      | 8.57            | -         | 14.8      | 11.00           | -         | 22.7      | 16.3            | -         |          |                   |                  |            |               |           | 250                   |            |
| <b>SDR</b>            | <b>26</b>     |                 |           | <b>21</b> |                 |           | <b>17</b> |                 |           | <b>11</b> |                 |           | <b>9</b> |                   |                  | <b>7.4</b> |               |           | <b>6</b>              | <b>SDR</b> |

TABLE OF FRICTION LOSSES FOR PE & PVC PIPES ACCORDING TO THE HAZEN - WILLIAMS EQUATION  
 ΠΙΝΑΚΑΣ ΥΠΟΛΟΓΙΣΜΟΥ ΑΠΩΛΕΙΩΝ ΤΡΙΒΗΣ ΣΥΜΦΩΝΑ ΜΕ ΤΗΝ ΕΞΙΣΩΣΗ ΤΟΥ HAZEN - WILLIAMS

| MATERIAL                  |                | POLYETHYLENE                                  |    |    |       |    |    |    |      |      |      | PVC PIPES |      |    |    |    |     |     |      |     |  |
|---------------------------|----------------|---|----|----|-------|----|----|----|------|------|------|-----------|------|----|----|----|-----|-----|------|-----|--|
| INTERNAL DIAM.            | EXTERNAL DIAM. | 12  | 16 | 20 | 25    | 32 | 40 | 45 | 54.8 | 65.4 | 71.6 | 75        | 79.7 | 84 | 88 | 90 | 110 | 125 | 15.5 | 160 |  |
| FLOW<br>m <sup>3</sup> /h |                | HEAD LOSS % IN METERS OF WATER (0.1 BAR)/100m |    |    |       |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 0.40                      | 11.00          |   |    |    |       |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 0.50                      | 16.00          |   |    |    |       |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 0.80                      | 36.00          |   |    |    | 1.30  |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 1.00                      | 52.00          |   |    |    | 3.00  |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 1.40                      | 27.00          |   |    |    | 4.50  |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 2.00                      | 50.00          |   |    |    | 8.00  |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 2.40                      | -              |   |    |    | 16.00 |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 3.00                      | -              |   |    |    | 21.00 |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 4.00                      | -              |   |    |    | 32.00 |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 5.00                      | -              |   |    |    | 52.00 |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 6.00                      | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 7.00                      | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 8.00                      | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 10.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 15.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 20.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 25.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 30.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 36.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 40.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 45.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 50.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 55.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 60.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 70.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 80.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 90.00                     | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |
| 100.00                    | -              |   |    |    | -     |    |    |    |      |      |      |           |      |    |    |    |     |     |      |     |  |