

U PVC Lead Free pipes



**CONFORMITY MARK
BY LIBNOR**

**NL - EN - ISO 1452
NL - EN 1329
NL - EN 1401**



By using **lead-free** additives, we have made all our ranges of pipes environmental-friendly

- **POTABLE WATER AND IRRIGATION PRESSURE PIPES UP TO PN20**
- **SOIL AND WASTE PIPES**
- **SEWAGE AND DRAINAGE PIPE SYSTEMS UP TO DIAMETER 400MM**
- **ELECTRICAL AND TELECOM DUCTS**

PRESSURE PIPES



lead free

NL-EN-ISO 1452

Potable water

► **Potable water, Irrigation and swimming pools, Drainage and sewerage under pressure. Buried and above ground.**

- pressure: PN10, PN16, PN20, (PN 6,8,12 upon request)
- Cold water from 20°C to 45°C
- Starting Outer Diameter 20 mm up to 315mm
- Color: dark grey RAL 7011
- Direct Burial
- Solvent Cement Welding & Push fit pressure Rubber Ring

SOIL AND WASTE SYSTEMS



lead free

NL-EN-1329

Inside Buildings

► **Waste and soil installation discharge within the building structure**

- Low & High temperature → Minimum wall thickness: 3 mm
- OD 32 mm up to OD 160mm.
- Color: light grey RAL 7037
- Solvent cement welding preferred when recessed in concrete.

GRAVITY SEWER SYSTEMS:



lead free

NL-EN 1401

Underground installation

► **Gravity sewer & rain water**

- OD 110 mm up to OD 400mm
- Color: orange-brown RAL 8023
- Rubber Ring push fit socket.
- The Most Adapted in seismic areas
- Area Codes U and UD
- Direct Burial
- Two classes for **Traffic Load SN4 (SDR 41) & SN8 (SDR**



100 % Eco-Friendly → Lead Free

CONFORMITY
MARK

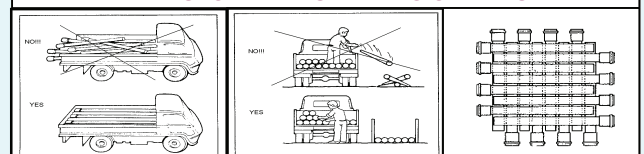


شارة المطابقة

علامة فارقة

MAKES THE DIFFERENCE

TRANSPORT AND STACKING OF PIPES



UPVC PRESSURE PIPES


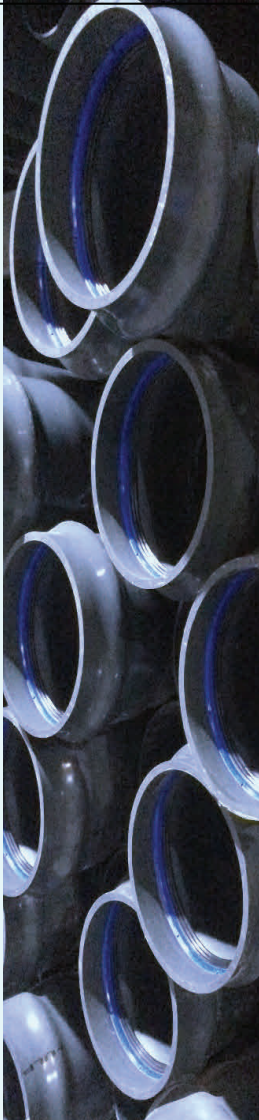
NL-EN-ISO-1452

Prices in USD excluding VAT (subject to modification) **EFFECTIVE MAR. 2024**

**lead free,
suitable for potable water**

This range is intended to be used at working pressures from 10 bars (PN 10) up to 20 bars (PN20), buried and above ground, for the conveyance and supply of potable water under pressure, irrigation, drainage and sewerage under pressure and general purposes at 25°C for the indicated nominal pressure and up to 45°C after application of a derating factor.

□ standard production
■ supplied upon request

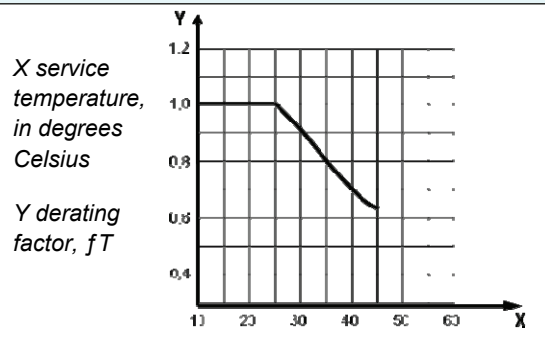



Nominal Rating	working pressure in bars at 25°								
	PN10			PN16			PN20		
external diameter D	socket	wall thick. S	Unit Price \$/lm	socket	wall thick. S	Unit Price \$/lm	socket	wall thick. S	Unit Price \$/lm
(mm)		(mm)	US\$/lm		(mm)	US\$/lm		(mm)	US\$/lm
20							#	2.0	1.40
25							#	2.5	1.80
32				#	2.4	2.30	#	3.0	2.70
40				=	3.0	3.15	=	3.7	3.90
50	=	2.4	3.15	=	3.7	4.35	=	4.6	5.40
63	=	3.0	4.35	=	4.7	6.40	=	5.8	7.90
75	=	3.6	5.95	=	5.6	8.60	=	6.8	10.40
90	=	4.3	8.30	=	6.7	12.30	=	8.2	15.00
110	=	4.2	9.75	=	6.6	14.80	=	8.1	18.10
125	=	4.8	12.40	=	7.4	19.00	=	9.2	23.60
160	o	6.2	19.90	o	9.5	30.30	o	11.8	37.60
200	o	7.7	31.00	o	11.9	46.30	o	14.7	57.20
250	o	9.6	48.50	o	14.8	72.40			
315	o	12.1	77.45						

Fire classification
EUROCLASS B-s2, d0
Best class among synthetic materials

Supplied in 5.75 meters total length
Colour dark grey RAL 7011

o R/R Integral socket with push-fit pressure Rubber Ring
= S/C Solvent Cement socket
P/E Plain Ends



Seal: Hardness: 60 ± 5 SHA in accordance with NL-EN-681.

SOIL & WASTE PIPES INSIDE BUILDINGS



NL-EN-1329

LOW AND HIGH DISCHARGE TEMPERATURE

This range of pipes is perfectly adapted for plastic systems intended for the transportation of soil and waste discharge of domestic and industrial origin (low and high temperature : minimum thickness of wall 3 mm.).

Conditions of use:
Maximum operating temperature 60°C

Maximum temperature 95° during discontinuous drainage from normal household appliances.

Prices in USD excl. VAT (subject to modification)

EFFECTIVE MAR. 2024

Designation	Outside diameter in mm	Wall thick. in mm	Weight kg / lm	Unit Price US\$ / lm
32 B	32	3.0	0.430	2.10
50 B	50	3.0	0.690	3.00
75 BD	75	3.0	1.070	4.50
100 BD	100	3.0	1.400	5.70
110 BD	110	3.2	1.690	6.80
125 BD	125	3.2	1.930	8.30
160 B	160	3.2	2.390	10.00
200 B	200	3.9	3.650	14.65

- Supplied in 5.75 meters total length
- Colour: light grey (RAL 7037).
- Integral Socket Cement, spigot chamfered

Fire classification
EUROCLASS B-s2, d0
Best class among synthetic materials


Discharge within the building Structure

EN-12200-1

ULPI® Rigid U-PVC compact standard rainwater pipes are designed for above-ground external use.

ULPI rainwater pipes are manufactured in full compliance with the requirements of standard EN-12200-1.

This range of standard pipes (minimum ring stiffness $\geq 2kN/m^2$ (4 kN/m² for OD110) is suitable for plastic systems intended for the discharge of domestic and industrial origin surface water, where mechanical protection is provided.



LIGHT DRAIN PIPES

Designation	Outside diameter	Wall thick.	Weight kg / lm	Unit Price US\$ / lm
50 CR2	50	1.8	0.430	1.95
75 CR2	75	2.3	0.820	3.80
110 CR4	110	2.7	1.430	5.75

- Supplied in 5.75 meters total length
- Colour: light grey (RAL 7037).
- Integral Socket Cement, spigot chamfered for OD 75 & 110 mm



ELECTRICAL & TELECOM CABLE DUCTS & FITTINGS

Prices in USD excluding VAT

EFFECTIVE MAR. 2024

UPVC CABLE DUCTS					Outside Diam. mm						
					50	75	100	110	160	200	
<ul style="list-style-type: none"> Delivered in 5.75 l.m total length, Integral Socket Cement Colour: light grey (RAL 7037). 					e mm					3.2	3.9
					LD type >2kN/m2					10.00	14.65
					e mm					2.7	4.0
					MD type >4kN/m2					5.75	12.50
					e mm	1.8	2.3	3.0	3.2		
					HD type >8kN/m2	1.95	3.80	5.70	6.80		
				<p>* LD type 2 kN/m² Encased in Concrete SDR <51 Complies with requirements of NL-EN 1329 B for OD 160 & 200</p> <p>** MD type 4kN/m² DIRECT BURIAL SDR <41 between 0.9 m and 6 m underground direct burial Complies with dimensions of NL EN1452 PN6 for OD 110 and requirements of NL-EN1329 BD for OD 160</p> <p>*** HD type 8kN/m² DIRECT BURIAL SDR <34 heavy-duty between 0.6 m and 9 m underground direct burial Complies with dimensions of NL EN1452 PN6 for OD 50 & 75 and requirements of NL-EN1329 BD for OD 100 & 110</p>							
				<p>Fire classification EUROCLASS B-s2, d0 Best class among synthetic materials</p>							
				<p>50 100</p> <p>Reducer 100/50 mm 3.70</p> <p>Coupling 0.80 1.60</p> <p>Duct Plug with eye 0.35 0.80</p> <p>Anchorage for 3 sub 4.25</p>							
LONG BENDS				50	75	100	110				
R = 210 mm α= 45°				5.50							
R = 450 mm α= 45°					18.50	22.30	27.30				
R = 210 mm α= 90°				5.50							
R = 450 mm α= 90°					18.50	22.30	27.30				

EN 61 386 1 21		TUBELEC®					Heavy Duty *IRL 4431		
		RIGID UPVC CONDUITS					Heavy Metal Free (RoHS)		
<p>Delivered in 2.90 m overall length Plain end both sides Colour: Light Grey RAL 7035</p>									
<p>Fire classification EUROCLASS B-s2, d0 Best class among synthetic materials</p>		Nominal Size Ø Type	OD mm	Wall Thick. mm	Min Inter. Diam. mm	Pack. Qty pcs	Total Length m	Unit Price US\$/m	Unit Price US\$/U
		16 hd	16 ⁺⁰ _{-0.3}	1.5	12.6	50	145.0	0.545	1.58
		20 hd	20 ⁺⁰ _{-0.3}	1.7	16.4	32	92.8	0.652	1.89
		25 hd	25 ⁺⁰ _{-0.4}	1.8	21.2	19	55.1	0.979	2.84
		32 hd	32 ⁺⁰ _{-0.4}	2.1	26.7	14	40.6	1.740	5.05
		40 hd	40 ⁺⁰ _{-0.4}	2.2	35.6	8	23.2	2.391	6.93



GRAVITY SEWER PIPES

NL-EN-1401

SN 4

Prices in USD excluding VAT
(subject to modification)

EFFECTIVE
MAR. 2024

SN4 range of sewer pipes
(ring stiffness $\geq 4\text{kN/m}^2$)
is perfectly adapted for :

Urban sewer networks
under **Normal conditions**
with traffic load.

SN4 sewer pipes can be
directly buried under-
ground between :
0.9 m and 6 m depth



Designation	OD in mm	Wall Thick. in mm	Weight in kg/lm	Unit Price US\$ / lm
SDR 41 UD				
110 see 110 SN8				
125 SN4	125	3.2	1.930	8.30
160 SN4	160	4.0	3.050	12.50
200 SN4	200	4.9	4.680	18.40
250 SN4	250	6.2	7.330	29.30
315 SN4	315	7.7	11.480	44.80
400 SN4	400	9.8	18.380	74.00

Supplied in 5.75 meters total length (Short pieces available on order)
Colour: orange-brown (approx. RAL 8023).

Integral socket with push-fit lip seal rubber ring (R/R) acc. to NL-EN 681,
spigot chamfered

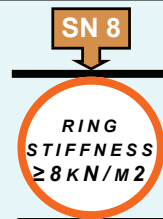
Fire classification
EUROCLASS B-s2, d0
Best class among synthetic materials



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NL-EN-1401

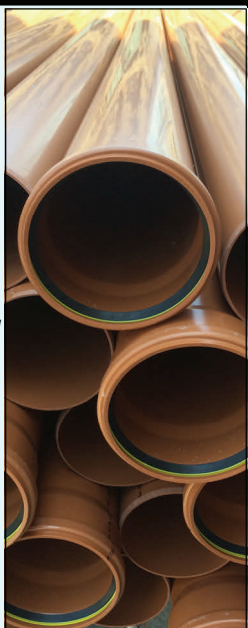
SN 8



SN8 range of sewer pipes
(ring stiffness $\geq 8\text{kN/m}^2$)
This range is perfectly adapted
for:

Urban sewer networks under
Heavy-Duty soil conditions.

Directly Buried underground
between **0.6 m and 9 m depth**



Designation	OD in mm	Wall Thick. in mm	Weight in kg/lm	Unit Price US\$ / lm
SDR 34 UD				
110 SN8	110	3.2	1.690	6.80
125 SN8	125	3.7	2.210	9.50
160 SN8	160	4.7	3.580	15.00
200 SN8	200	5.9	5.600	22.20
250 SN8	250	7.3	8.600	34.50
315 SN8	315	9.2	13.650	53.60
400 SN8	400	11.7	21.830	88.00

Supplied upon special orders only

5.75 meters total length, Integral socket with push-fit lip seal rubber ring (R/R)



CONFORMITY
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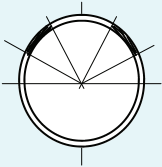


By using **lead-free** additives, we have made all our ranges of pipes environmental-friendly

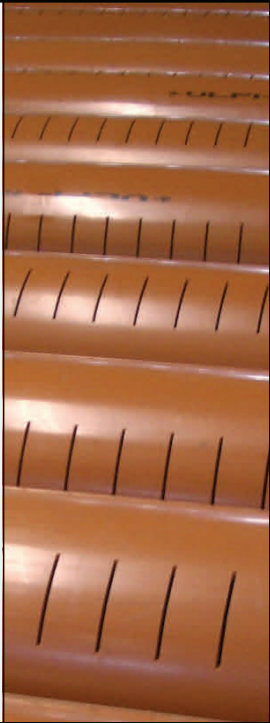
SLOTTED UNDERDRAIN PIPE

NF P 16-351

Applications include, but are not limited to, subsurface drainage around residential and commercial buildings and infrastructure works, drainage and dewatering applications under roads and highways, leachate collection systems for solid waste landfills.



Slots Design MP: slots are located on the upper 135° of the pipe.



Prices in USD excluding VAT (subject to modification)

EFFECTIVE MAR. 2024

Designation	OD in mm	Dis-charge Area in cm ²	Water Inlet Area cm ² /m	Slot Type	Unit Price US\$ / 1m
R2 SD -MP					
110 R2 SD	110	83	>50	MP	8.40
125 R2 SD	125	109	>50	MP	9.90
160 R2 SD	160	178	>70	MP	14.35
200 R2 SD	200	280	>80	MP	20.50
250 R2 SD	250	441	>90	MP	32.40
315 R2 SD	315	702	>110	MP	48.40

Supplied in 5.75 meters total length Colour: orange-brown RAL 8023.

Integral socket with push-fit lip seal rubber ring (R/R)

Wall thickness according to NL-EN-1401 SN4.

Fulfill requirements of standards **DIN-4262** and **NF P 16-351 type R2 SD**

NL- EN 1401 National foreword:

“ If **SN 4** or **SN 8** classes have to be used, the system should be installed in accordance with NL- EN 1610 : “Construction and testing of drains and sewers”, in order to achieve the intended resistance to long-term deformation.”

“ If SN 2 class of pipe or fitting is intended to be used, , the installation should first be subject to a structural design soil load calculation , classification of soil, and the installation technique modified to suit the results of that calculation. The appropriate calculation is given in NL- EN 1295-1.”

(The **SN2** class of pipes are usually installed under pathways without load.)

Distance between supports

CEN/TR 13801 : 2014

Nominal OD	Horizontal pipe work	Vertical pipe work	Approximate quantity of lubricant needed	
			Ø d _n mm	1 assembly in g
d _n Ø mm	D _{max}	D _{max} m		
110	1.1	2.0	110	30
125	1.25	2.0	125	40
160	1.6	2.0	160	60
200	1.7	2.0	200	90
250	2.0	3.0	250	120
315	3.0	3.0	315	165
			400	190

PUSH-FIT RUBBER RING JOINING




UPVC FITTINGS FOR SOIL & WASTE DISCHARGE

EN - 1329



Prices in USD excluding VAT (subject to modification) **EFFECTIVE MAR. 2024**

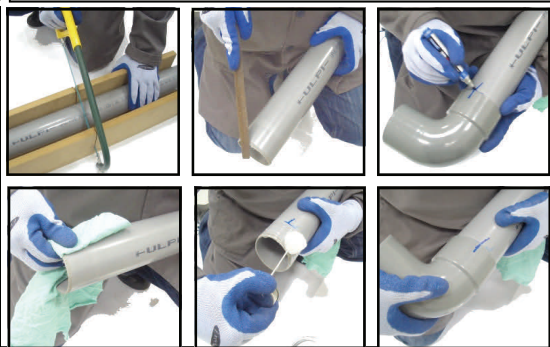
 <p>BEND 90° كوع زاوية F/F - M/F</p>	Φ	32	40	50	75	110	125	160		
	Female أنثائية	1.32	1.78	2.11	5.92	12.67	12.67	23.84		
	Male ذكر	1.32	1.71	2.11	5.42	9.08				
 <p>BEND 45° كوع مفتوح F/F - M/F</p>	Φ	32	40	50	75	110	125	160		
	Female أنثائية	1.44	1.65	2.10	4.32	8.25				
	Male ذكر	1.44	1.61	1.71	3.55	8.22	8.83	12.65		
 <p>TEE DOUBLE SOCKET 87° تية أف ذكر M/F/F</p>	Φ	Φ	32	40	50	75	110	125	160	
		32	2.09							
		40		2.40						
		50			2.65					
		75				11.13	5.04			
		110						16.61	17.48	16.10
		125								16.82
		160								20.85
 <p>BRANCH DOUBLE SOCKET 45° تية أيكرك ذكر M/F/F</p>	Φ	Φ	32	40	50	75	110	125	160	
		32	1.81							
		40		2.63						
		50			3.26					
		75				11.95	6.92			
		110						16.21	16.32	15.21
		125								16.82
		160								48.10
 <p>BRANCH TRIPLE SOCKET تية أف أنثائية 87° تية أيكرك أنثائية 45° F/F/F</p>	Φ	32	40	50	75	110	125	160		
		1.78	2.43	2.77	7.19	17.04				
		2.10	2.65	3.31	7.53	14.77				
 <p>DOUBLE BRANCH تية دوبل أف 87° تية دوبل أيكرك 45° M/F/F/F</p>	Φ	32	40	50	75	110	125	160		
				11.63	17.26	21.00				
				14.05	22.24	29.54				

Quantity of Cement and Cleaner

SOLVENT CEMENT JOINING

	1liter	500 gr	1000gr
Cleaner			
Cement			

Required Quantity for 100 sockets	Quantity	
	CE- MENT	CLEANE R
Ø dn 20, 25, 32	250 ml	125 ml
40, 50, 63	1 L	250 ml
75,90,110	2 L	0.5 L
125	3 L	1 L
160	5 L	2 L
200	9 L	3 L



UPVC FITTINGS FOR SOIL & WASTE DISCHARGE

EN - 1329

REDI s.a.l

Prices in USD excluding VAT
(subject to modification)

EFFECTIVE MAR. 2024

	<p>DOUBLE SOCKET with/ without central stop وصل وصل تصليح</p>	<table border="1"> <thead> <tr> <th></th> <th>Φ</th> <th>32</th> <th>40</th> <th>50</th> <th>75</th> <th>110</th> <th>125</th> <th>160</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>0.97</td> <td>1.14</td> <td>1.38</td> <td>2.49</td> <td>5.37</td> <td>7.16</td> <td>11.12</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5.37</td> <td></td> <td>11.12</td> </tr> </tbody> </table>		Φ	32	40	50	75	110	125	160			0.97	1.14	1.38	2.49	5.37	7.16	11.12							5.37		11.12																																				
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						5.37		11.12																																																									
	<p>ACCESS PLUG سدّة قلووز</p>	<table border="1"> <thead> <tr> <th></th> <th>Φ</th> <th>32</th> <th>40</th> <th>50</th> <th>75</th> <th>110</th> <th>125</th> <th>160</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>2.05</td> <td>2.27</td> <td>8.19</td> <td>6.80</td> <td>11.75</td> <td>17.93</td> </tr> </tbody> </table>		Φ	32	40	50	75	110	125	160				2.05	2.27	8.19	6.80	11.75	17.93																																													
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	<p>INVERT REDUCER وصل مخالف طويل *Female</p>	<table border="1"> <thead> <tr> <th>Φ</th> <th>Φ</th> <th>32</th> <th>40</th> <th>50</th> <th>75</th> <th>110</th> <th>125</th> <th>160</th> </tr> </thead> <tbody> <tr> <td>32</td> <td></td> <td></td> <td>1.82</td> <td>1.50</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>40</td> <td></td> <td></td> <td></td> <td>1.55</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>50</td> <td></td> <td>*1.55</td> <td>*1.55</td> <td></td> <td>4.59</td> <td>6.92</td> <td></td> <td></td> </tr> <tr> <td>75</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.25</td> <td></td> <td></td> </tr> <tr> <td>110</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.25</td> <td>8.13</td> </tr> <tr> <td>125</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.83</td> </tr> </tbody> </table>	Φ	Φ	32	40	50	75	110	125	160	32			1.82	1.50					40				1.55					50		*1.55	*1.55		4.59	6.92			75						7.25			110							7.25	8.13	125								8.83
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	<p>INSPECTION GULLEY 160/110 ريكار صليب 160 x 110 x 75 18.37</p>	<p>TRAPPED FLOOR GULLEY سيفون باركيه High 125 / 75 / 50 H=140 mm 22.00 Low 125 / 75 / 50 H=110 mm 21.00</p>	<p>TRAPPED BALCONY OUTLET سيفون شرفة 125 / 50 13.94 125 / 75 14.94</p>																																																														
	<p>PVC FLOOR DRAIN 200 مصفاية أرض 200x200/90/75/63 37.58 200x200/110/100 28.01</p>	<p>ROOF DRAIN مصفاية سطح OD 75 52.39 OD 110 / ID 100</p>	<p>ROOF VENT COWL طربوش Φ 75 18.03 Φ 110 9.08</p>																																																														
	<p>TEE DOUBLE SOCKET 87° TEE TRIPLE SOCKET 87° تية أف سانيتير M FF Φ 110 18.50 F FF Φ 110 19.50</p>	<p>COMPLETE WASTE GULLEY كوع مدفع كامل مع كوع Φ 110 37.44</p>	<p>BOSS PIPE 110 x 75 تية أف ركار Male - S/Cement 22.24</p>																																																														
	<p>PP CATCH BASIN ركار 300 x 300 mm 75.29 Ø 75/ 90/ 110/ 125/ 160</p>	<p>LIGHT TRAFFIC COVER غطاء 30 x 30 cm. 70.25 Class A15</p>	<p>LIGHT TRAFFIC GRILL مصفاية 30 x 30 cm. 65.51 Class A15</p>																																																														
<p>APPLICATION FIELD: LIGHT DUTY TRAFFIC AREAS, SUCH AS GARAGE FRONTS, PRIVATE DRIVEWAYS, PEDESTRIAN AREAS.</p>																																																																	

UPVC FITTINGS FOR GRAVITY DRAIN & SEWER NETWORKS

EN -1401

Prices in USD excluding VAT

EFFECTIVE MAR. 2024

REDI ISO

BEND
كوع ذكر



BEND DOUBLE SOCKET
كوع أنثاية



TEE DOUBLE
تية أف ذكر



BRANCH DOUBLE
تية أيكرك ذكر



INVERT REDUCER
وصل مخالف



BRANCH TRIPLE SOCKET 45°
تية أيكرك أنثاية



TEE BRANCH 87° Swept
تية أف سايتير
Double Socket Triple Socket



α/Φ	110	125	160	200	250	315	400
15°	7.53	10.24	15.93	33.86	103.90	171.18	269.66
30°	7.59	10.41	17.54	33.86	99.27	164.16	
45°	4.05	8.36	14.60	30.43	99.27	159.10	295.30
87°	4.93	10.56	16.59	36.80	115.33	209.00	546.82

α/Φ	110	125	160	200	250	315	400
45°	11.62	24.06	28.21	42.53	165.97		
87°	12.23	19.53	35.46	46.50			

Φ	Φ	110	125	160	200	250	315	400
110		7.09						
125		22.13	16.38					
160		24.34	34.41	28.82				
200		62.82	56.00	57.70	55.38			
250					125.86	156.30		
315						403.93	292.72	
400								824.27

Φ	Φ	110	125	160	200	250	315	400
110		8.36						
125		17.98	20.46					
160		25.06	27.93	29.98				
200		46.25	56.88	53.22	62.91			
250				152.06	169.74	186.50		
315				231.88	265.25	452.52	452.46	
400								693.60

Φ	Φ	110	125	160	200	250	315	400
110			6.37	10.01				
125				11.72	24.03	51.81		
160					20.80	52.42	92.83	
200						60.87	97.04	
250							100.71	
315								230.00

DOUBLE BRANCH
تية دوپل أيكرك ذكر



45°

110	23.13	110	42.27
125		125	63.63
160	36.90	160	77.29

تية دوپل أف



87°







110	17.54	110	48.96
110	22.68		

UPVC FITTINGS FOR GRAVITY DRAIN & SEWER NETWORKS

EN -1401

Prices in USD excluding VAT EFFECTIVE MAR. 2024



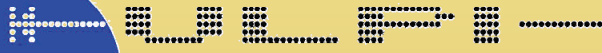
	Φ110	Φ125	Φ160	Φ200	Φ250	Φ315	Φ400
 <p>DOUBLE SOCKET with/ without central stop وصل / وصل تصليح</p>	5.54	9.60	14.05	29.05	82.58	129.04	240.68
	5.86	6.64	16.10	33.41	82.65	128.83	240.68
 <p>SINGLE SOCKET وصل جوان تلزيق</p>	6.24	9.24	15.00	32.60	70.12	106.13	
 <p>ACCESS PLUG سدّة بسن / سدّة قلووز</p>	8.08	10.90	14.39	20.25	82.50	141.43	
 <p>SOCKET PLUG سدّة كبس ذكر</p>	3.87	4.97	6.64	12.40	36.98	64.59	123.70
 <p>ACCESS PIPE تية اف بسدّة</p>	21.63	30.37	49.51	87.99	263.97	408.94	
 <p>NON RETURN VALVE صباب عدم رجوع</p>	272.58	290.72	327.07	433.61	633.60	1445.10	
 <p>INKA CLAMPS Rubber Lined</p>	2.78	3.43	3.92	5.10	8.47		

Continuous Testing performed in our laboratory during production

Pipes are considered compliant to the standard only if the following in-house tests have been carried out successfully in line with NL-EN Standards:

- Visual control
- Dimensional control
- Marking
- Gelation
- Vicat Softening point
- Impact resistance
- Pressure testing according to ISO 1167
- Suitability for potable network
- Specific Gravity





The United Lebanese Plastic Industries s.a.l

- POTABLE WATER AND IRRIGATION PRESSURE PIPES UP TO PN20
- SOIL AND WASTE PIPES INSIDE BUILDINGS
- SEWAGE AND DRAINAGE PIPE SYSTEMS UP TO DIAMETER 400MM
- ELECTRICAL AND TELECOMMUNICATION DUCTS

[®]
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Web site: www.ulpi.co

Samaha Industrial Complex
Roumieh Road
P.O.Box 901903 Jdeideh
Roumieh Lebanon

مجمع سماحة الصناعي
طريق رومية
ص.ب: 903 901 جديدة
رومية لبنان

Tel : + 961 (0)1 877 857 /8/9

Fax : + 961 (0)1 877 860

email : ulpi@dm.net.lb

