

June 9, 2025

P-RFQ No. 2025-076

REQUEST FOR QUOTATION

SUPPLY AND DELIVERY OF HIGH-DENSITY POLYETHYLENE (HDPE) TUBING AND PLASTIC FITTINGS (MAINT-2025-03-009, CSD-2025-03-006)

The Santa Maria Water District (SMWD) hereinafter referred to as “the Purchaser”, through its Bids and Awards Committee (BAC), invite interested parties to submit price quotation for the project, “**SUPPLY AND DELIVERY OF HIGH-DENSITY POLYETHYLENE (HDPE) TUBING AND PLASTIC FITTINGS**” through Small Value Procurement (Sec. 34 of R.A. No. 12009) with Approved Budget for the Contract (ABC) of Six Hundred Nine Thousand Four Hundred Thirty-Six Pesos and Nine Centavos Only (**₱609,436.09**).

	Description	Qty	Unit	Unit Cost	Total Amount
1	HDPE TUBING 1 SDR 11 (BLUE)	642	MTR		
2	HDPE TUBING 1/2 SDR 11 (BLUE)	2772	MTR		
3	PLASTIC ADAPTOR 1	129	PC		
4	PLASTIC ADAPTOR 1/2	1209	PC		
5	PLASTIC ELBOW 1 X 90 (32mm)	5	PC		
6	PLASTIC ELBOW 1/2 X 90 (20mm)	56	PC		
7	PLASTIC SADDLE CLAMP 2 X 1 W/ TAPPING FERRULE	17	SET		
8	PLASTIC SADDLE CLAMP 3 X 1 W/ TAPPING FERRULE	37	SET		
9	PLASTIC SADDLE CLAMP 4 X 1 W/ TAPPING FERRULE	60	SET		
10	PLASTIC SADDLE CLAMP 6 X 1 W/ TAPPING FERRULE	72	SET		
11	PLASTIC SADDLE CLAMP 8 X 1 W/ TAPPING FERRULE	9	SET		
12	UPVC UNION COUPLING 1	8	PC		
13	UPVC UNION COUPLING 1/2	227	PC		
	*** nothing follows ***				
	*** Please see attached technical specifications ***				
	*** All technical specifications must be complied with ***				

Likewise, it is understood that Purchaser’s specifications are minimum requirements. The Bidder/Supplier may offer higher specifications or additional items, if any. Failure to comply with the mandatory requirements shall render the quotation ineligible/disqualified.

Procurement procedures will be conducted in accordance with the provisions of the Implementing Rules and Regulations (IRR) of Republic Act No. 12009 (Government Procurement Reform Act).

It is the intent of the Purchaser to evaluate the quotation for the item and award will be made to the quotation resulting in the overall lowest cost, meeting purchaser’s technical specifications.





Pursuant to Appendix A "Documentary Requirement for Alternative Methods of Procurement of Annex "H: of 2016 revised IRR of RA No. 9184, the following documents are required to be submitted along with your quotation/proposal.

1. PhilGEPS Registration Number
2. Mayor's/Business Permit
3. Omnibus Sworn Statement – an unnotarized omnibus sworn statement can be submitted along with the quotation/proposal provided that a notarized copy shall be submitted prior to confirmation of the award by the supplier/contractor.
4. Income/Business Tax Return

Additional Requirements to be Submitted along with your quotation/proposal:

1. Photo Copy of Sample Sales/Service Invoice (SI)
2. Certificate of Registration (BIR FORM 2303)
3. Actual Sample of the fittings/items
4. Tax Clearance

Failure to meet any one of the aforementioned requirements will result to rejection of your proposal/quotation.

Your prices must be quoted in Philippine Peso and must include the unit price and total price, inclusive of all taxes to be paid and other incidental cost to the delivery site if the contract is awarded. Quotations exceeding the Approved Budget for the Contract shall be rejected.

Payment shall be through check and advance payment is not allowed.

The duly accomplished quotation form may be typewritten or handwritten and may be placed in sealed envelope marked **SUPPLY AND DELIVERY OF HIGH-DENSITY POLYETHYLENE (HDPE) TUBING AND PLASTIC FITTINGS** (RFQ No. 2025-076) and must be submitted on or before **June 13, 2025, 11:00AM** at the SMWD main office. It may also be sent via electronic mail on our official email address at smwdbulacan@yahoo.com on the specified time stated above and address to the **BAC Chairperson, Ms. Maria Leonora S. Romarate**.

Quotations shall be valid for thirty (30) calendar days from the deadline of submission of the same.

The delivery period shall be based on the agreement made with the supplier from the receipt of the Purchase Order (PO). The supplier should inform the purchaser at least two (2) days before the date of delivery. The Purchaser shall have the right to reject or to return the items that will be declared defective and non-compliant with the specifications. The delivery will be made only during working days from 8:00 AM to 5:00 PM.

DELIVERY SITE: General Services Division of SMWD located at 301 J. P. Rizal St., Dulong Bayan, Santa Maria, Bulacan.

The Santa Maria Water District reserves the right to accept or reject any quotation, and to annul the procurement process and reject all quotations at any time prior to Contract award, without thereby incurring any liability to the affected supplier or suppliers. SMWD also reserves the right to waive any required formality in the proposals received, and select the proposal which it determines to be the most advantageous to the government.

Prepared by:

Sgd
Romel P. Lazaga
Procurement Analyst

Noted by:

Sgd
Maria Leonora S. Romarate
BAC Chairperson



MATERIAL SPECIFICATIONS

B. HDPE TUBING, COMPRESSION PLASTIC FITTINGS

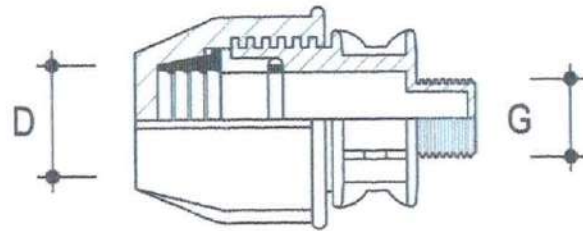
• MATERIALS

SPECIFICATIONS OF HDPE TUBING AND PLASTIC FITTINGS						
PARTICULARS	SPECIFICATIONS			STATEMENT OF COMPLIANCE		
HDPE Tubing 1, SDR 11, Blue	a.	Material - the extrusion compound shall either be Grade P33, Class C or Grade P34, Class C (PE3306 or PE3406) as defined by ASTM D1248				
	b.	Dimensions - Standard Dimension Ratio (SDR) shall be as follows:				
		Outside Size	Nominal Dia.(mm)(in)	Pressure		Thickness
		32mm	1"	PN for $\delta s=8\text{Mpa}$		3.0
	c.	Standard - conforming to ISO 1611 ISO 3607 Series, SDR PR based on controlled Outside Diameter.				
	d.	Markings - shall be clearly marked at intervals of not more than 0.60 M with nominal size, type of (PE 3306 or PE 3406), Standard Dimension Ratio (SDR 11), manufacturer's trade name and production code, and the seal of approval from an accredited testing laboratory.				
	e.	Joint Method - Compression Fittings, Mechanical Jointing.				
	f.	PNS 65; 20mm \varnothing Threaded				
Plastic Adaptor, Plastic Union Coupling, & Plastic Elbow	01	Materials are high grade polypropylene				
	02	Dimension conforms to ISO Standards				
	03	Ruber gasket O-ring shall be made from nitrile rubber conforming to ISO 4633 suitable for potable and chlorinated water.				
	04	Clinching Ring is made of acetal copolymer conforming to ISO 14236.				
	05	Holder and Locking Nut are made of Polypropylene				
	06	Fitting color shall be black				
	07	No loose component.				
	08	Markings: Manufacturer's Name Trademark Trademark, size				
	09	Working Pressure is 230 PSI.				
Plastic Saddle Clamp (all sizes)	01	Material is high grade polypropylene				
	02	Dimension conforms to ISO Standards				
	03	Material of bolts and nuts shall be stainless steel.				
	04	Clinching Ring is made of acetal copolymer conforming to ISO 14236				
	05	Ruber gasket O-ring shall be made from nitrile rubber conforming to ISO 4633 suitable for potable and chlorinated water.				
	06	Thrust Ring is made from Nylon				
	07	Compression Joint shall conform to ISO 3501 as per ISO 14236.				
	08	Fitting color shall be black				
	09	No loose component				
	10	Markings: Manufacturer's Name Trademark Trademark, size PP maybe in the form of sticker or point				
	11	All plastic saddle clamps are with tapping ferrule.				
	12	Outer Diameter of Saddle Clamp to tapping ferrule is 1 1/4".				

• TESTING (HDPE Pipe)

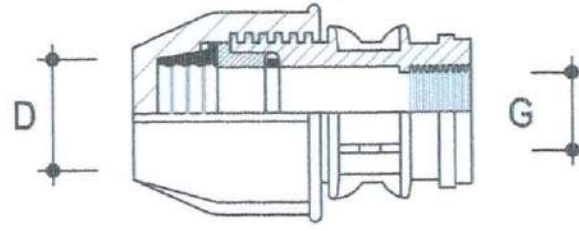
- Quick Burst Pressure Testing
 - 20mm (1/2") SDR 11: 580 psi
 - 25mm (3/4") SDR 11: 580 psi
 - 32mm (1") SDR 11: 580 psi
- Longitudinal Reversion Test
 - Less than or equal to 3% (ISO 2505)
- Oxidative Induction Time Test (OIT)
 - Greater than or equal to 20 mins @200 deg. C (ISO 11357-6:2002)

- TESTING (Plastic Compression Fittings)
 - Leak Tightness Testing
 - 20mm (1/2"): 580 psi
 - 25mm (3/4"): 580 psi
 - 32mm (1"): 580 psi
 - Pull Out Testing
 - Shall resist pulling out when applied w/ longitudinal force (150 – 250kg) for a period of 1 hour.



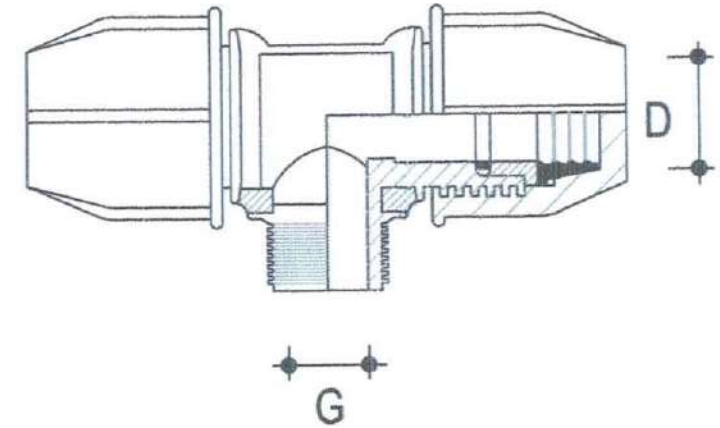
MALE THREADED ADAPTOR

D x G (mm)	Approximate Weight (gm/pc)
20 x 1/2"	38
20 x 3/4"	39
25 x 1/2"	59
25 x 3/4"	59
25 x 1"	63
32 x 1/2"	86
32 x 3/4"	87
32 x 1"	90



FEMALE THREADED ADAPTOR

D x G (mm)	Approximate Weight (gm/pc)
20 x 1/2"	38
20 x 3/4"	39
25 x 1/2"	59
25 x 3/4"	59
25 x 1"	63
32 x 3/4"	87
32 x 1"	90



MALE TEE

D x G (mm)	Approximate Weight (gm/pc)
20 x 1/2"	79
20 x 3/4"	80
25 x 1/2"	117
25 x 3/4"	118
25 x 1"	124
32 x 3/4"	184
32 x 1"	185

STANDARD SHOP DRAWING

STA. MARIA WATER DISTRICT

SHEET NO.

PP PUSH FIT COMPRESSION FITTINGS

Prepared By:

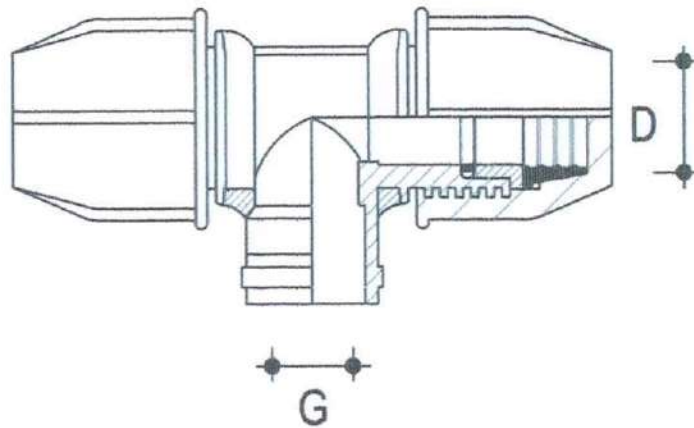
Sgd
Engr. Raymond Patrick N. Soriano
Supervising Engineer A

Sgd
Engr. Christian A. Reyes
Supervising Engineer A

Approved By:

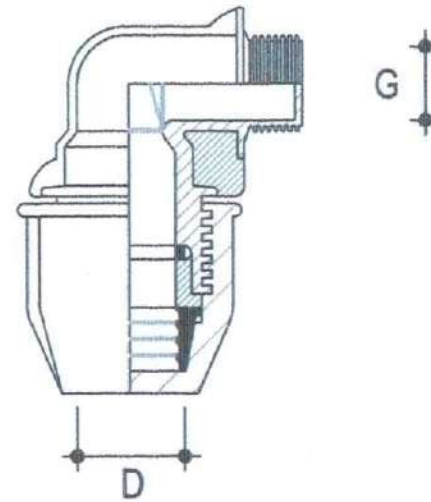
Sgd
Engr. Carlos N. Santos, Jr.
General Manager

6/4/25
PF-1



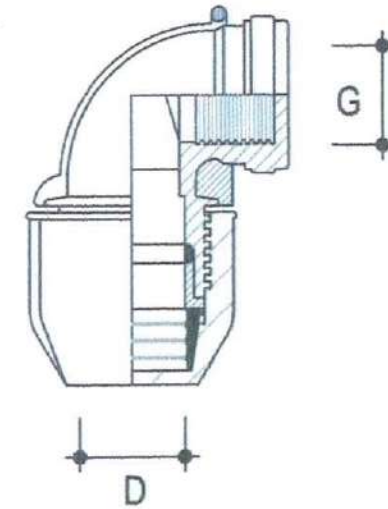
FEMALE TEE

D x G (mm)	Approximate Weight (gm/pc)
20 x 1/2"	82
20 x 3/4"	84
25 x 1/2"	123
25 x 3/4"	126
25 x 1"	136
32 x 3/4"	187
32 x 1"	194



MALE BEND 90 deg.

D x G (mm)	Approximate Weight (gm/pc)
20 x 1/2"	42
20 x 3/4"	45
25 x 1/2"	65
25 x 3/4"	68
25 x 1"	76
32 x 3/4"	97
32 x 1"	107



FEMALE BEND 90 deg.

D x G (mm)	Approximate Weight (gm/pc)
20 x 1/2"	48
20 x 3/4"	52
25 x 1/2"	67
25 x 3/4"	71
25 x 1"	78
32 x 1/2"	108
32 x 3/4"	110
32 x 1"	113

STANDARD SHOP DRAWING

STA. MARIA WATER DISTRICT

SHEET NO.

PP PUSH FIT COMPRESSION FITTINGS

Prepared By:

Sgd

Engr. Raymond Patrick N. Soriano
Supervising Engineer A

Sgd

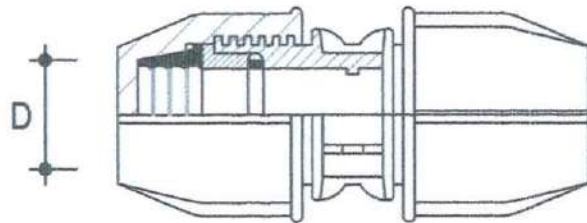
Engr. Christian A. Reyes
Supervising Engineer A

Approved By:

Sgd

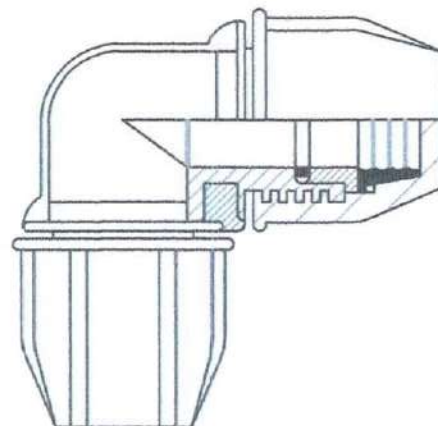
Engr. Carlos N. Santos, Jr.
General Manager

6/4/25
PF-2



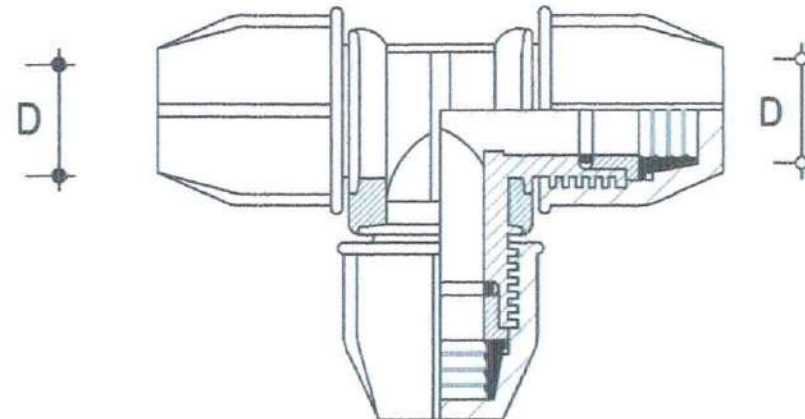
STRAIGHT COUPLER

D (mm)	Approximate Weight (gm/pc)
20	65
25	102
32	155



EQUAL BEND 90 deg.

D (mm)	Approximate Weight (gm/pc)
20	71
25	112
32	173



EQUAL TEE

D (mm)	Approximate Weight (gm/pc)
20	106
25	164
32	253

STANDARD SHOP DRAWING

PP PUSH FIT COMPRESSION FITTINGS

STA. MARIA WATER DISTRICT

Prepared By:

Sgd

Engr. Raymond Patrick N. Soriano
Supervising Engineer A

Sgd

Engr. Christian A. Reyes
Supervising Engineer A

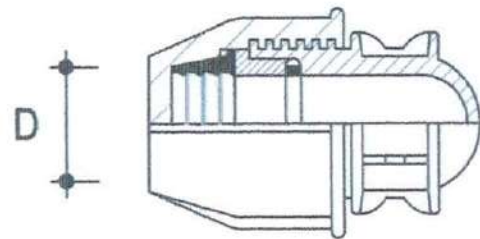
Approved By:

Sgd

Engr. Carlos N. Santos, Jr.
General Manager

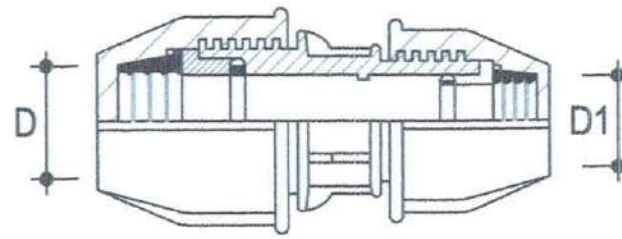
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PF-3



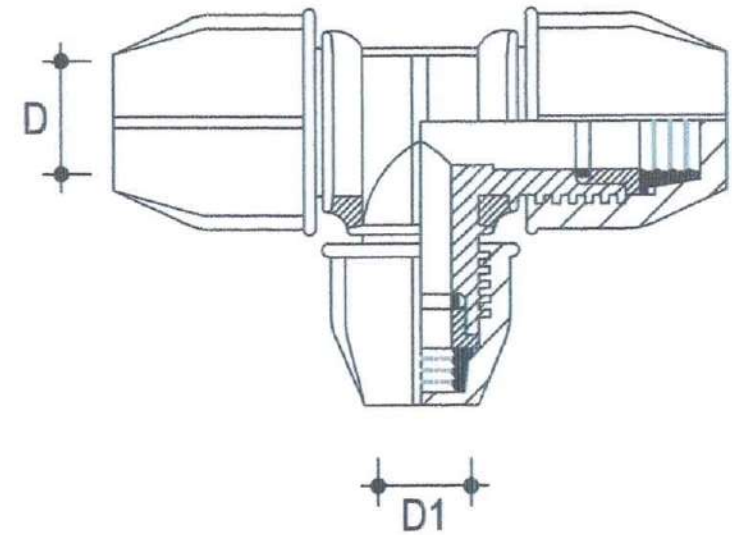
END CAP

D (mm)	Approximate Weight (gm/pc)
20	36
25	58
32	85



REDUCING COUPLER

D x D1 (mm)	Approximate Weight (gm/pc)
25 x 20	84
32 x 20	112
32 x 25	130



REDUCING TEE

D x D1 (mm)	Approximate Weight (gm/pc)
25 x 20	145
32 x 20	207
32 x 25	222

STANDARD SHOP DRAWING

PP PUSH FIT COMPRESSION FITTINGS

STA. MARIA WATER DISTRICT

Prepared By:

Sgd
Engr. Raymond Patrick N. Soriano
Supervising Engineer A

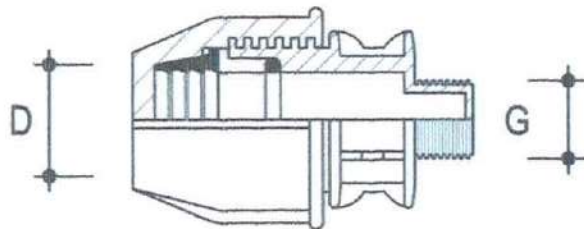
Sgd
Engr. Christian A. Reyes
Supervising Engineer A

Approved By:

Sgd
Engr. Carlos N. Santos, Jr.
General Manager

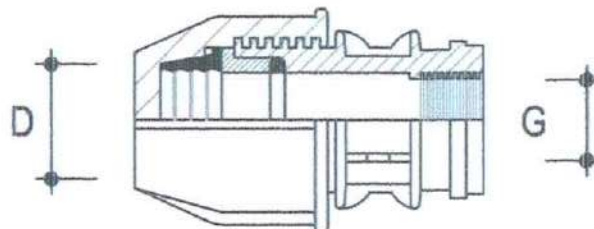
SHEET NO.

PF-4



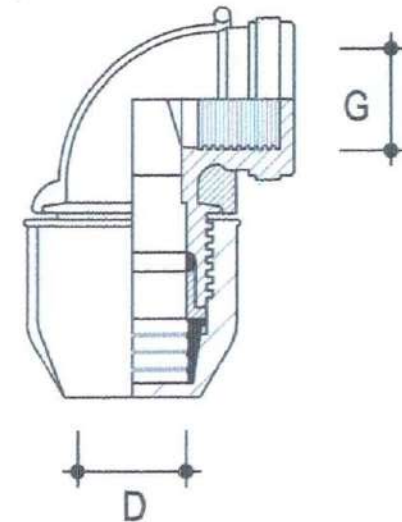
MALE THREADED ADAPTOR
WITH BRASS INSERT

D x G (mm)	Approximate Weight (gm/pc)
20 x 1/2"	80
25 x 3/4"	104
25 x 1"	140
32 x 1"	167



FEMALE THREADED ADAPTOR
WITH BRASS INSERT

D x G (mm)	Approximate Weight (gm/pc)
20 x 1/2"	80
25 x 3/4"	104
25 x 1"	140
32 x 1"	167



FEMALE BEND 90 deg.
WITH BRASS INSERT

D x G (mm)	Approximate Weight (gm/pc)
25 x 3/4"	95
25 x 3/4"	113
32 x 1"	178

STANDARD SHOP DRAWING

PP PUSH FIT COMPRESSION FITTINGS
WITH BRASS INSERT

STA. MARIA WATER DISTRICT

Prepared By:

Sgd
Engr. Raymond Patrick N. Soriano
Supervising Engineer A

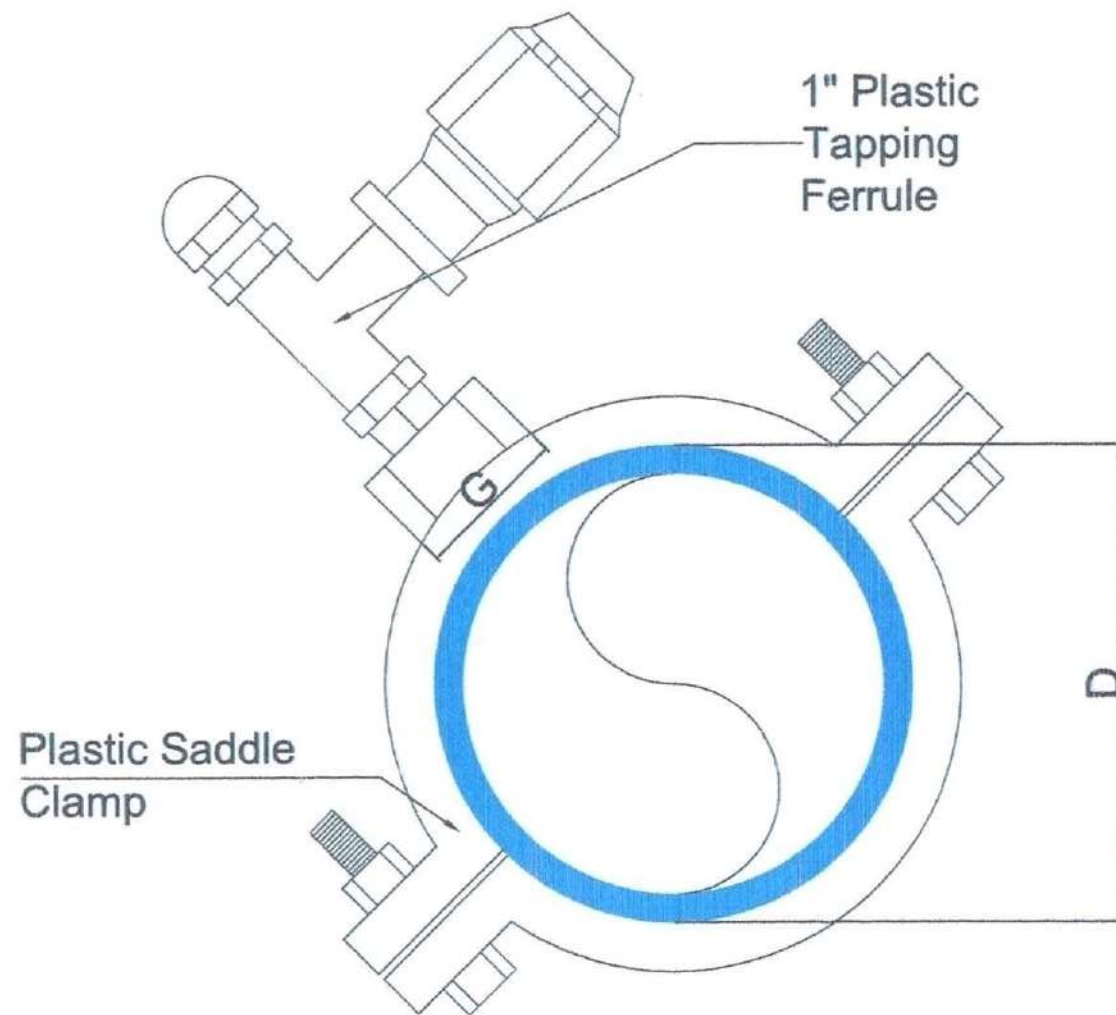
Sgd
Engr. Christian A. Reyes
Supervising Engineer A

Approved By:

Sgd
Engr. Carlos N. Santos, Jr.
General Manager

SHEET NO.

PF-5



D x G (mm x in.)	Approximate Weight (gm/pc)
63 x 1 1/4"	26
90 x 1 1/4"	40
110 x 1 1/4"	51
160 x 1 1/4"	104
225 x 1 1/4"	238

STANDARD SHOP DRAWING

STA. MARIA WATER DISTRICT

SHEET NO.

PLASTIC SADDLE CLAMP

Prepared By:

Sgd

Engr. Raymond Patrick N. Soriano
Supervising Engineer A

Sgd

Engr. Christian A. Reyes
Supervising Engineer A

Approved By:

Sgd

Engr. Carlos N. Santos, Jr.
General Manager 6/4/25

PF-7