



Catalogue

The image displays five framed certificates and awards, arranged in a collage. The top two certificates are from NSF International, awarded to New Products Industries Co., Ltd. (Nigroplast) for their facility in Jeddah, Saudi Arabia. The bottom three certificates are from the Saudi Standards, Metrology and Quality Organization (SASO), awarded to Saudia for various products, including water filters and water purifiers.



NEPROPLAST

A distinguished manufacturing facility, was founded in 1968 in Jeddah, Saudi Arabia. As an integral Isam Khairi Kabbani Group member, NEPROPLAST has emerged as a leading name in the manufacturing sector.

Notably, it was the first enterprise in Saudi Arabia to pioneer the production of UPVC pipes and subsequently ventured into the fabrication of fittings in 1970.

Starting with just two extruders, NEPROPLAST began producing 300 tons per year, now reaching a capacity of over 130,000 metric tons.

We have grown to offer a diverse range of renowned products favored by customers in Saudi Arabia and the MENA region.

From raw materials to final products, we aim to be the preferred supplier of plastic pipes across the Middle East. Moreover, NAMAT (National Marketing EST. CO. LTD.) is the exclusive distributor of NEPROPLAST's premium products, significantly expanding our market presence. With a strategic network comprising 18 branches, strategically positioned warehouses across the Kingdom, and a dedicated export department catering to international clientele, NEPROPLAST and NAMAT collectively ensure an exceptional standard of customer care coupled with swift and efficient delivery services.

- NEPROPLAST is SABIC's biggest customer of raw materials in KSA (%14 of SABIC total PVC raw material production).
- The first and the only factory in the Middle East to start using lead free materials in PVC pipes and fittings production by using Organic Stabilizers since the year 2009.
- Exports to over 26 countries worldwide.

Vision

To be a leading, innovative, safe, and reliable service provider.

Mission

Our mission is to sustain our prominent role in the building materials services sector by consistently delivering an expansive array of top-quality products to our local and regional clientele. We remain dedicated to actively seeking distribution rights for emerging, high-quality products. Guided by an in-depth understanding of our customers' needs, we diligently strive to offer the right products at precisely the right moment, solidifying our commitment to their success.

Values

- Diversity: Our team consists of diverse talents coming together to make the best possible outcome.
- Creativity: We always seek new approaches and strive for continuous improvement.
- Growth: Growing our position in the market and our employees' potential is one of our top goals.
- Making a Difference: We promise to always offer eco-friendly solutions with local products that meets/exceeds international standards.



NAMAT

Established in 1970, National Marketing EST. CO. Ltd. (NAMAT) stands firm in distributing and marketing various products for advanced plastic piping systems from renowned brands.

NAMAT is a significant "Issam Khairy Kabbani" group company famous for its exceptional contributions.

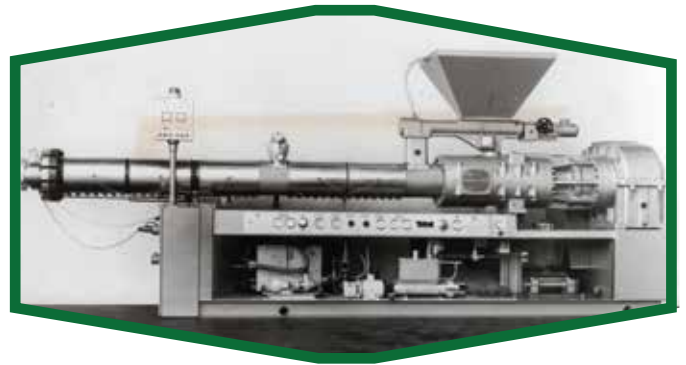
With a legacy built upon trust, NAMAT has been at the forefront of distributing CPVC and PVC pipes and fittings across the GCC region.

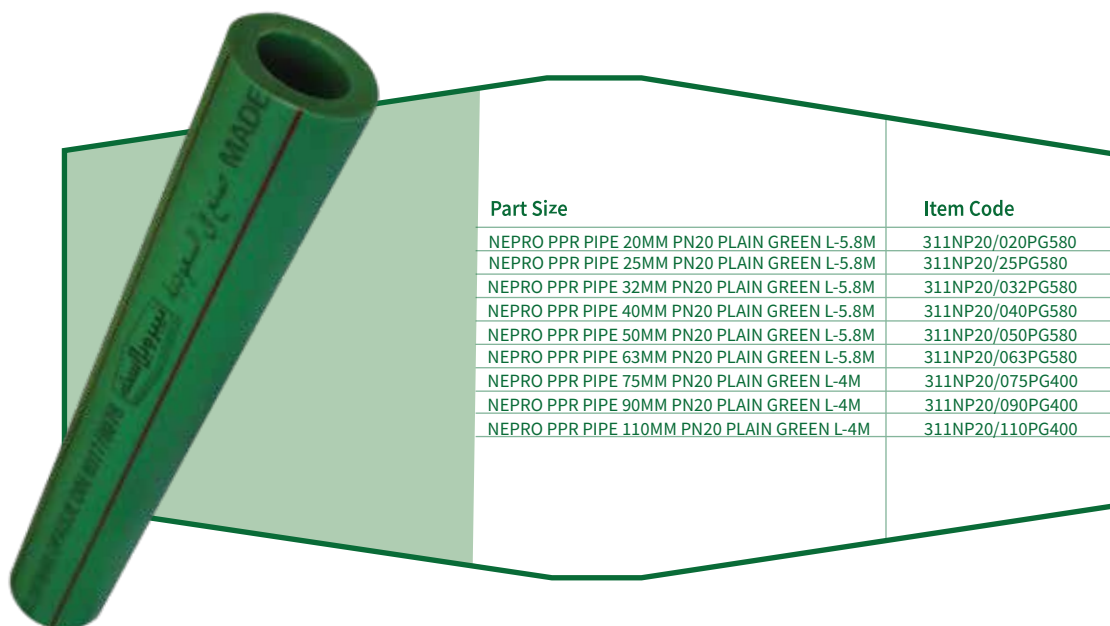
NAMAT has proudly held the exclusive distributorship of NEPROPLAST products since its inception.

Over 50 years, NAMAT has upheld its reputation as a leader, leaving a mark on significant regional projects.

This achievement is attributed to a proficient team of over 100 engineers and sales representatives and an expansive network of 18 branches throughout the Kingdom.

NAMAT's diverse product range encompasses PVC pipes and fittings, water network accessories, drainage systems, irrigation networks, well casings, Polyethylene Corrugated Ducts (PECD), micro ducts, electrical conduits, and an extensive array of related products catering to the construction and plumbing industry.





Green Pipe



Black Pipe

Part Size	Item Code
25 mm x 20 mm	SNPR025X020
32 mm x 20 mm	SNPR032X020
32 mm x 25 mm	SNPR032X025
40 mm x 20 mm	SNPR040X020
40 mm x 25 mm	SNPR040X025
40 mm x 32 mm	SNPR040X032
50 mm x 20 mm	SNPR050X020
50 mm x 25 mm	SNPR050X025
50 mm x 32 mm	SNPR050X032
50 mm x 40 mm	SNPR050X040
63 mm x 20 mm	SNPR063X020
63 mm x 25 mm	SNPR063X025
63 mm x 32 mm	SNPR063X032
63 mm x 40 mm	SNPR063X040
63 mm x 50 mm	SNPR063X050
75 mm x 32 mm	SNPR075X032
75 mm x 40 mm	SNPR075X040
75 mm x 50 mm	SNPR075X050
75 mm x 63 mm	SNPR075X063
90 mm x 32 mm	SNPR090X032
90 mm x 40 mm	SNPR090X040
90 mm x 50 mm	SNPR090X050
90 mm x 63 mm	SNPR090X063
90 mm x 75 mm	SNPR090X075
110 mm x 75 mm	SNPR110X075
110 mm x 90 mm	SNPR110X090



Reducer Socket

**Reducer Socket with
Black UV Stabilizer**

Part Size	Item Code
75 mm x 32 mm	SNPR075X032B
75 mm x 40 mm	SNPR075X040B
90 mm x 32 mm	SNPR090X032B
90 mm x 40 mm	SNPR090X040B




Part Size	Item Code
20mm	SNPH020
25mm	SNPH025
32mm	SNPH032
40mm	SNPH040
50mm	SNPH050
63mm	SNPH063
75mm	SNPH075
90mm	SNPH090
110 mm	SNPH110

Elbow 45



Part Size	Item Code
20mm	SNPC020
25mm	SNPC025
32mm	SNPC032
40mm	SNPC040
50mm	SNPC050

End Cap

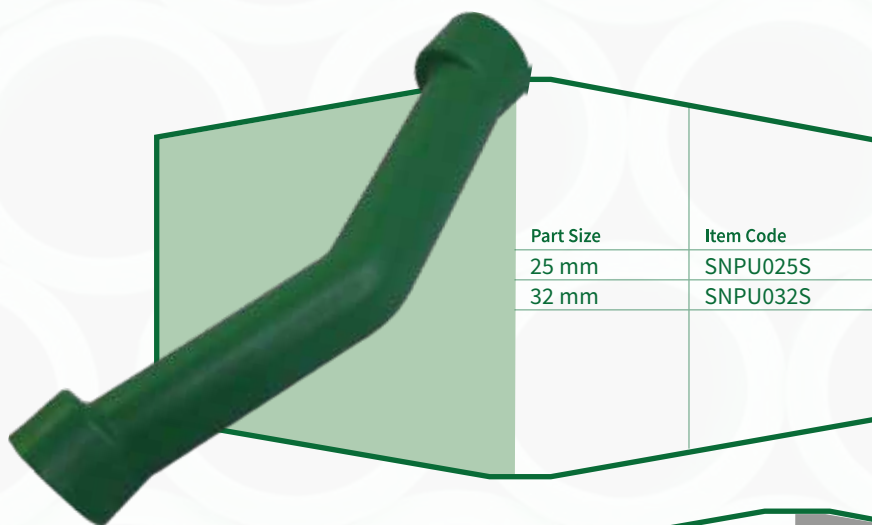
End Cap with Black UV Stabilizer

Part Size	Item Code
20 mm	SNPC020B
63 mm	SNPC063B
75 mm	SNPC075B
90 mm	SNPC090B
110 mm	SNPC110B



Reducing Tee

Part Size	Item Code
25 mm x 20 mm x 25 mm	SNPTR025X020X025
32 mm x 20 mm x 32 mm	SNPTR032X020X032
32 mm x 25 mm x 32 mm	SNPTR032X025X032
40 mm x 20 mm x 40 mm	SNPTR040X020X040
40 mm x 25 mm x 40 mm	SNPTR040X025X040
40 mm x 32 mm x 40 mm	SNPTR040X032X040
50 mm x 20 mm x 50 mm	SNPTR050X020X050
50 mm x 25 mm x 50 mm	SNPTR050X025X050
50 mm x 32 mm x 50 mm	SNPTR050X032X050
50 mm x 40 mm x 50 mm	SNPTR050X040X050
63 mm x 20 mm x 63 mm	SNPTR063X020X063
63 mm x 25 mm x 63 mm	SNPTR063X025X063
63 mm x 32 mm x 63 mm	SNPTR063X032X063
63 mm x 40 mm x 63 mm	SNPTR063X040X063
63 mm x 50 mm x 63 mm	SNPTR063X050X063
75 mm x 32 mm x 75 mm	SNPTR075X032X075
75 mm x 40 mm x 75 mm	SNPTR075X040X075
75 mm x 50 mm x 75 mm	SNPTR075X050X075
75 mm x 63 mm x 75 mm	SNPTR075X063X075
90 mm x 32 mm x 90 mm	SNPTR090X032X090
90 mm x 40 mm x 90 mm	SNPTR090X040X090
90 mm x 50 mm x 90 mm	SNPTR090X050X090
90 mm x 63 mm x 90 mm	SNPTR090X063X090
90 mm x 75 mm x 90 mm	SNPTR090X075X090
110 mm x 75 mm x 110 mm	SNPTR110X075X110
110 mm x 90 mm x 110 mm	SNPTR110X090X110



Part Size	Item Code
25 mm	SNPU025S
32 mm	SNPU032S

Over Bridge elbow with socket

Saddle Socket with Black UV Stabilizer



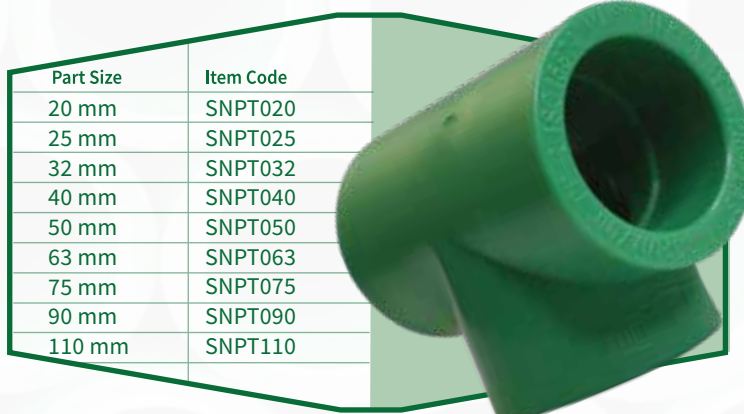
Part Size	Item Code
63 mm x 32 mm	SNPS063X032B
90 mm x 32 mm	SNPS090X032B



Part Size	Item Code
63 mm x 32 mm	SNPS063X032
90 mm x 32 mm	SNPS090X032

Saddle Socket

Equal tee



Part Size	Item Code
20 mm	SNPT020
25 mm	SNPT025
32 mm	SNPT032
40 mm	SNPT040
50 mm	SNPT050
63 mm	SNPT063
75 mm	SNPT075
90 mm	SNPT090
110 mm	SNPT110

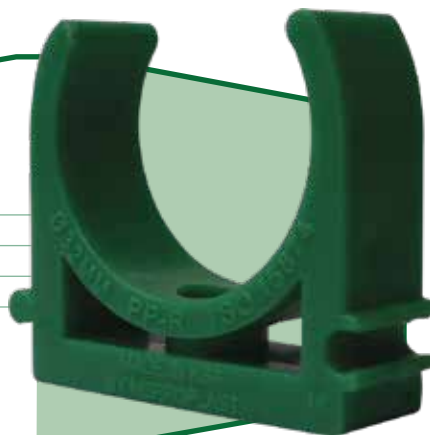


Part Size	Item Code
63 mm	SNPT063B
75 mm	SNPT075B
90 mm	SNPT090B
110 mm	SNPT110B

**Equal tee with Black
UV Stabilizer**

Bracket for Pipe

Part Size	Item Code
20 mm	SNPSP020
25 mm	SNPSP025
32 mm	SNPSP032



Part Size	Item Code
20 mm x 1/2"	SNPK020X005BR
25 mm x 1/2"	SNPK025X005BR
25 mm x 3/4"	SNPK025X007BR
32 mm x 3/4"	SNPK032X007BR

**Transition Piece
Round-Male**

**Transition Elbow
Female**

Part Size	Item Code
20 mm x 1/2"	SNPGF020X005BR
25 mm x 1/2"	SNPGF025X005BR
25 mm x 3/4"	SNPGF025X007BR
32 mm x 1"	SNPGF032X010BR
32 mm x 1/2"	SNPGF032X005BR
32 mm x 3/4"	SNPGF032X007BR



Part Size	Item Code
	SNPB025
25 mm ppr union nut	SNPB025NUT
25 mm ppr union plane bush plane	SNPB025BUSH
25 mm ppr union thread bush plane	SNPB025END
	SNPB032
32 mm ppr union nut	SNPB032NUT
32 mm ppr union plane bush plane	SNPB032BUSH
32 mm ppr union thread bush plane	SNPB032END



**32mm Union
Welding**

Union Welding

Part Size	Item Code
32 mm x 1"	SNPFH032X010BR
40 mm 1.1/4"	SNPFH040X012BR
50 mm x 1.1/2"	SNPFH050X015BR
63 mm x 2"	SNPFH063X020BR
75 mm x 2.1/2"	SNPFH075X025BR
90 mm x 3"	SNPFH090X030BR
110 mm x 4"	SNPKH110X040BR



**Transition Piece Round
Female with Hexagon**



Part Size	Item Code
20 mm x 1/2"	SNPGFW020X005BR
25 mm x 1/2"	SNPGFW025X005BR

**Wall Mount Group
Elbow**

**Transition Piece
Round-Male with
Hexagon socket**

Part Size	Item Code
32 mm x 1"	SNPKH032X010BR
40 mm x 1.1/4"	SNPKH040X012BR
50 mm x 1.1/2"	SNPKH050X015BR
63 mm x 2"	SNPKH063X020BR
75 mm x 2.1/2"	SNPKH075X025BR
90 mm x 3"	SNPKH090X030BR
110 mm x 4"	SNPKH110X040BR





Part Size	Item Code
32 mm x 1"	SNPKH032X010BRB
40 mm x 1.1/4"	SNPKH040X012BRB
50 mm x 1.1/2"	SNPKH050X015BRB
63 mm x 2"	SNPKH063X020BRB
75 mm x 2.1/2"	SNPKH075X025BRB
90 mm x 3"	SNPKH090X030BRB
110 mm x 4"	SNPKH110X040BRB

**Transition Piece
Round-Male with
Hexagon socket with
Black UV Stabilizer**

Stop Valve

Part Size	Item Code
20 mm x 3/4"	SNPVS020X007
25 mm x 3/4"	SNPVS025X007
32 mm x 1"	SNPVS032X010



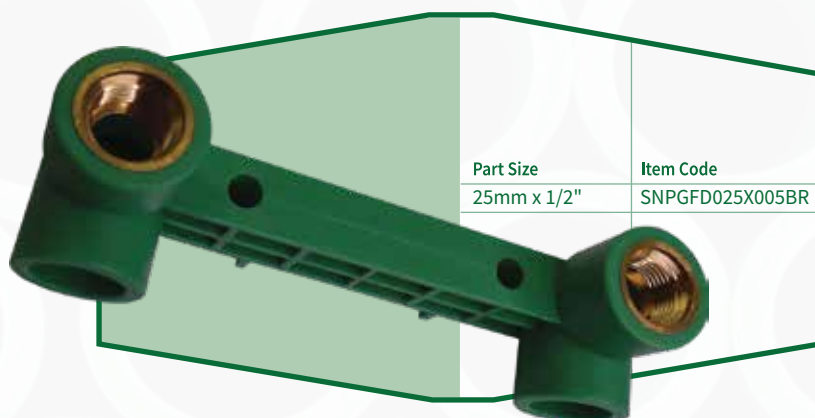
Part Size	Item Code
20 mm x 1/2"	SNPBF020X005BR
25 mm x 3/4"	SNPBF025X007BR
32 mm x 1"	SNPBF032X010BR
40 mm x 1.1/4"	SNPBF040X012BR
50 mm x 1.1/2"	SNPBF050X015BR
63 mm x 2"	SNPBF063X020BR
75 mm x 1.2/2"	SNPBF075X025BR
90 mm x 3"	SNPBF090X030BR

**Transition PP-R Female
Union**

**Transition PP-R Male
Union**

Part Size	Item Code
20 mm x 1/2"	SNPBK020X005BR
25 mm x 3/4"	SNPBK025X007BR
32 mm x 1"	SNPBK032X010BR
40 mm x 1.1/4"	SNPBK040X012BR
50 mm x 1.1/2"	SNPBK050X015BR
63 mm x 2"	SNPBK063X020BR
75 mm x 2.1/2"	SNPBK075X025BR
90 mm x 3"	SNPBK090X030BR

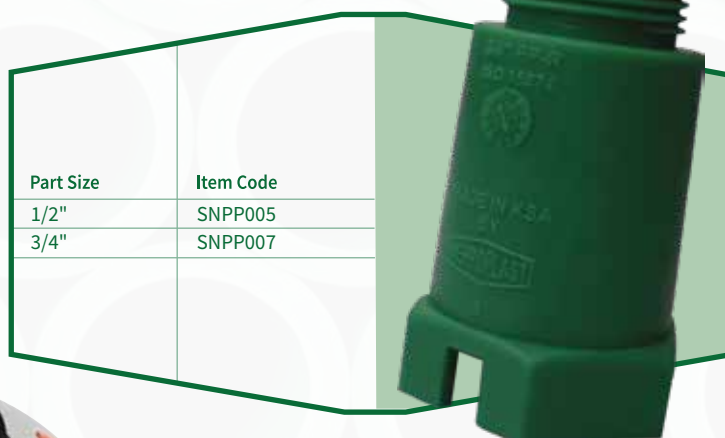




Wall Mount Double Female Elbow

Part Size	Item Code
25mm x 1/2"	SNPGFD025X005BR

End Plug



Part Size	Item Code
1/2"	SNPP005
3/4"	SNPP007



Concealed Valve

Part Size	Item Code
20 mm x 3/4	SNPVC020X007
25 mm x 3/4	SNPVC025X007
32 mm x 1	SNPVC032X010

Transition Piece Round Female



Part Size	Item Code
20 mm x 1/2"	SNPF020X005BR
25 mm x 1/2"	SNPF025X005BR
25 mm x 3/4"	SNPF025X007BR
32 mm x 3/4"	SNPF032X007BR



Socket (Coupling)

Transition Elbow Male



Elbow 90

Transition Female Tee



Socket Welding of PP-R Fittings and Pipe

1.0 Introduction

Socket welding is a process of permanently joining; pipes to fitting or fittings to fitting using Welding machine and heating element called heating bushes. Heating bushes has two types; first, the socket-heating bush where pipe end or fitting spigot has to be inserted, and the spigot-heating bush that is being inserted into fitting sockets during heating or “soaking” stage of the process.

2.0 Socket Welding process Critical considerations.

- 1) Safety preliminaries and PPE's as follows but not limited;
 - Heat-resistant gloves
 - Goggles
 - Safety shoes
- 2) Power source consideration such as proximity and type of sources.
- 3) Welding Tools and accessories
 - Heating Equipment (Capacity: > 260°C) and Heating Bush
 - Timing device and calibrated thermometer
 - Measuring and marking tools
 - Cleaning material
- 4) Welding Procedures and guidelines
- 5) Welding Process location
 - Area shall be well-ventilated and;
 - Free from any obstacles and has a minimal airborne dust and particles
- 6) Personnel who will perform the task is knowledgeable of both the process and the equipment & tools.

3.0 Preparation

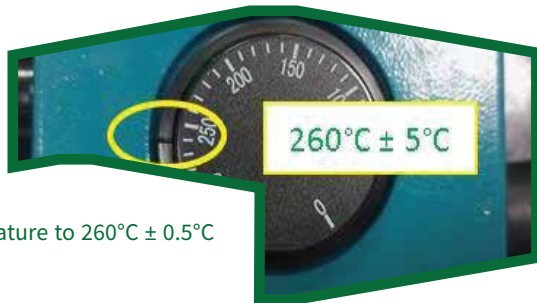
- 1) Area preparation, clean if necessary.
- 2) Gather all the required welding tools, equipment and accessories on the prearranged area.
- 3) Bring together all the pipes and fittings that are to be weld increase efficiency.

4.0 Procedure

It is necessary to evaluate all the tools, equipment and accessories prior starting the process to ensure its working condition any inconsistency is unacceptable.



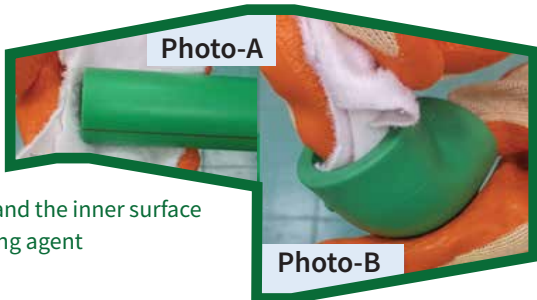
1) Assemble the desired size of pair of heating-bushes (Socket & Spigot) on the still cold plate of the welding equipment.



2) Plug the welding equipment and set the temperature to $260^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ ($500^{\circ}\text{F} \pm 41^{\circ}\text{F}$)



3) Cut the required length of the pipe to be welded, ensure a squared end



4) Clean with a cloth the outside surface of the pipe and the inner surface of the socket to be welded. Use of compatible cleaning agent is recommended.



5) Measure the fitting's socket depth and use the value in marking the pipe. Marking line parallel to the pipe and on the matching part fitting to ensure orientation is optional.

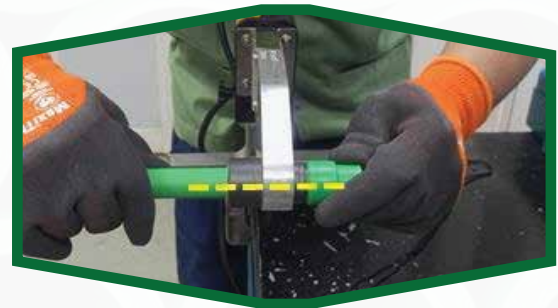
6) When the welding machine shows ready indicator (such as green pilot lamp), start the welding process.

Note: **A calibrated thermometer is necessary in verifying the actual temperature on the welding bushes every start of the process.**



7) Insert the marked portion of the pipe end into the socket-bush and the fittings socket onto the spigot-bush, simultaneously. Ensure that both pipe and fitting inserted properly to the heating bush

8) Heat the pipe and fitting for the required time according to its size base on table-1.



9) After satisfying the heating time, pull the pipe and fitting straight-out from the heating bush. Then immediately insert the heated pipe end or fitting spigot into the heated fitting's socket – ensure proper alignment.

Note: **Alignment correction is still permissible with the duration according to the pipe and fitting size (see table-1)**

10) Then let the assembly cool for defined time according to the size also based from table-1.



Table-1

Ø Size [mm]	Heating Time [sec]	Assembly Time [sec]	Correction Time [sec]	Cooling Time [sec]
20	5	4	3	2
25	7	4	3	3
32	8	6	6	4
40	12	6	6	4
50	18	6	6	4
63	24	8	8	6
75	30	8	8	6
90	40	8	8	6
110	50	10	10	8

NEPROPLAST

PP-R PIPE MATERIAL, MECHANICAL AND THERMAL PROPERTIES

Property	Typical Value	Unit	Test Method
MATERIAL PROPERTIES			
Density	90	kg. /m ³	ISO 1183
Melt Flow Rate (MFR) @230°C / 2.16 kg. @ 190°C / 5 kg.	0.3 0.5	g / 10 min. g / 10 min.	ISO 1133 ISO 1133
MECHANICAL PROPERTIES			
Tensile Strength			
strain at yield	13	%	ISO-527-2 1A
stress at yield	28	Mpa	ISO-527-2 1A
tensile modulus	900	Mpa	ISO-527-2 1A
Izod Impact Notched @ 23°C @ 0°C	16 4	kJ / m ² kJ / m ²	ISO 1 / 180A ISO 1 / 180A
Charpy Impact Unnotched @ 23°C	no break		ISO 179
Hardness Shore D	63	kJ / m ²	ISO 868
THERMAL PROPERTIES			
Vicat Softening Temperture			
@50 N (VST/B)	68	°C	ISO 306
@10 N (VST/A)	129	°C	ISO 306
Thermal Conductivity	0.24	W/(mK)	DIN 52612
Coefficient of Thermal Expansion	0.15	mm./m°C	DIN 53752

PP-R Pipes and Fittings

Recommended Handling During Loading & Unloading

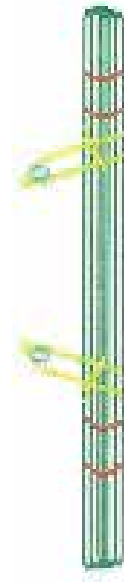
- Neproplast PP-R pipes are bundled in specific quantities according to their size and packed in labelled plastics bags in order to protect them from dust, dirt, scratches and other damage.



- Neproplast PP-R fittings are packed in plastic bags in specific quantities according to their size and type and placed inside the carton box to protect from dust, dirt, scratches and other damage.



- PP-R Pipe & Fittings must be handled with extreme care during handling, loading, transport, unloading and storage. PP-R pipes must never be dropped, dragged or thrown to the ground. When transferring the bags containing the pipes, use of forklift is not advised as the forks can damage the packaging when it directly touches the plastic bags. The bags can be transferred either manually or by using slings from either the forklift or from the crane.



- Boxes containing PP-R fittings are systematically arranged according to maximum allowable layers on wooden pallets. Large carton Box - 4 layers; Medium carton box - 5 layers ; Small carton box - 8 layers .

Bags containing PP-R pipes and Boxes containing PP-R fittings should be laid on flat and stable surface to prevent bending or deformation . This should be observed during loading and storing.

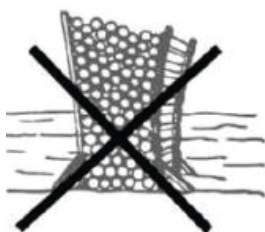


PP-R Pipes and Fittings Recommended Storing Procedure

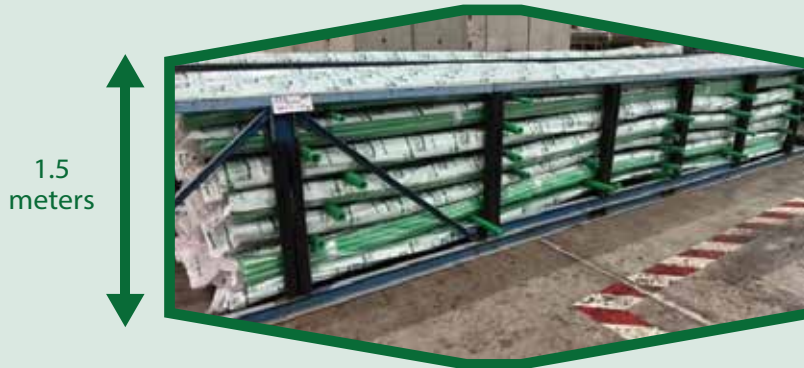
PP-R pipes and fittings must be kept in their original packaging during storage.



- PPR Pipes and Fittings must be protected from direct sunlight and stored in areas with enough or good ventilation and away from any heat source.



- PP-R pipes should be stacked horizontally on a flat level and stable surface with maximum stacking height of 1.5 meters to avoid deformation or bending over time.



Different sizes of PP R pipes must be stacked with the heaviest or largest pipes at the bottom.

PP-R fittings must be maintained in their original packaging during storage. Boxes containing PP-R fittings are stacked on wooden pallets with following maximum number of layers varying according to their size and type.

Large Carton Box - 4 layers
Medium Carton Box - 5 layers
Small Carton Box - 8 layers



- PPR pipes and fittings should be stored away from source of heat or moisture.



50 YEARS WARRANTY



خطاب ضمان Letter of Warranty

لا يمتد هذا الضمان إلى منتجات أو مواد أو معدات لا تصنعها شركة نيبروبلست
This warranty does not extend to products, materials or equipments not manufactured by NEPROPLAST

Project Data	بيانات المشروع	مالك المبني / المشروع
Owner of Building / Project		اسم المشروع (إن وجد)
Project Name		نوع المشروع (اختر من القائمة)
Project Type (Select from menu)		مقاول التركيب
Installation Contractor		المدينة
City		المورد
Supplier		نوع القراء المستخدم
Type of Solvent Cement used		مدة الضمان
Warranty Period	ضمان نيبروبلست القياسي (50 عامًا) NEPROPLAST's 50 Year Standard Warranty	المنتجات المشمولة في هذا الضمان (ادخل أسماء المنتجات هنا)
Products covered in this Warranty (insert the products here)		ملاحظات (إن وجدت)
Remarks (if any)		

TO BE FILLED BY NEPROPLAST OFFICE ONLY / يتم تعبئتها من قبل مكتب نيبروبلست فقط

Certificate No. : **NEPSTAWAR012018VER1** رقم شهادة

Date of Issue : تاريخ الضمان

Signature & Stamp

التوقيع و الختم



* NEPROPLAST standard limited warranty terms & conditions available upon request or can be obtained via website: www.neproplast.com
* الشروط والأحكام المتعلقة بضمان نيبروبلست المحدود يمكن الحصول عليها عند الطلب أو من خلال الموقع الإلكتروني للشركة أو موزعها المعتمد







920018858

#نيبرو_الأخضر



JEDDAH - MAKKAH - TAIF - RIYADH - KHARJ - MADINAH - YANBU - TABOK
DAMMAM - HAFR ALBATIN - AL-HASSA - JUBAIL - KHAMIS MUSHAIT
SABT ALALAYA - JIZAN - QASSIM - HAIL - ARAR

