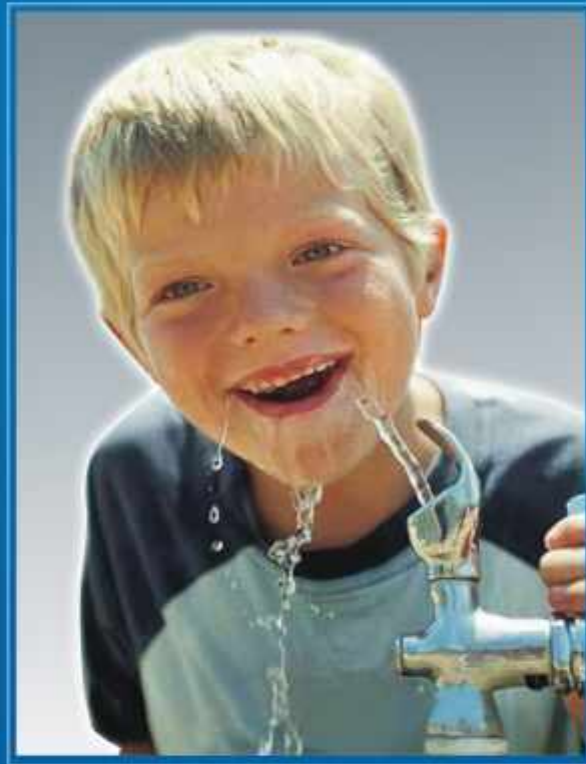


REVOLUTION IN PLUMBING....



PRIME GOLD
S.S. WATER PIPES



Prime Gold India Ltd.

5/2, Punjabi Bagh Extn., New Delhi-110026 Ph.: 011-47610000 (30 Lines)
Fax : 011-25226509, E-mail : pipe@primegoldgroup.com, Website : www.primegoldgroup.com

FOOD GRADE
304 Stainless Steel Water Pipes & Fittings



Prime Gold Industries Group started a new era in manufacturing, marketing and distribution of infrastructure/construction related materials/products. Having 21 Years of industrial & marketing experience in steel and allied products Sh. Pradeep Kumar Aggarwal Managing Director launched "Prime Gold" in the year 2008 and with this the company made a foray into TMT bars, Cement, S. S. Water Pipes & Fittings, Wall Putty, POP, Paints and Structural Steel. The group has presently a vast distribution network of 3000 Dealers/Distributors/Stockist, making the products available across the country.

Pradeep Agarwal (CMD)

"Homes free of seepage & pure drinking water in India... not a dream anymore..."

HOW TO INSTALL

- Use high speed blade to cut the pipe.
- Cut the pipe in round shape.
- The edges of pipe should be smooth otherwise it can damage the Gasket while inserting in the pipe.
- Pipe should be insert till the end of the fitting.
- Keep the fitting's collar in the middle point of die.
- Press the die till both face of tool join.

पलम्बिग के सुझाव

- पाईप हाई स्पीड ब्लेड से काटें।
- पाईप गोल काटें।
- पाईप में फिटिंग को डालते समय ध्यान रहे कि पाईप के किनारे पर बाबरी न हो जिससे फिटिंग का Gasket कटने का खतरा रहेगा।
- पाईप को फिटिंग में अन्दर लॉक तक डालें।
- फिटिंग का कॉलर डाई के बीच में रहे।
- डाई के दोनों मुँह मिलने तक दबाते रहें।

CRIMPING TOOL

Crimping range	:	Cu16-43mm ²
Crimping force	:	16T
Crimping type	:	hexagon crimping
Stroke	:	20mm
Length	:	appro. 500mm
Weight	:	approx. 6.80kg



CHARACTERS OF PRIME GOLD STAINLESS STEEL PIPES

After 4 years research & development

- Most hygienic material for water plumbing.
- World wide uses in domestic, industrial, food processing units, hospitals and housing complexes.
- Higher in strength as compare to PPR (10 times) Copper (5 times) and iron galvanized (3 times).
- Can bear maximum temperature (100°C).
- Maximum water flow due to smooth surface and maximum pressure due to strength.
- Maximum life.
- Food grade approved.
- Easiest way of plumbing.
- Cost effective.



TECHNICAL SPECIFICATIONS

Pipe Size	OD (mm)	Thickness (mm)
1/2"	15.88	0.80
3/4"	22.22	1.00
1"	28.58	1.00
1-1/4"	34.00	1.20
1-1/2"	42.70	1.20
2"	48.60	1.20
2-1/2"	76.10	2.00
3"	88.90	2.00

SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH
(A unit of Shriram Scientific and Industrial Research Foundation)
An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE 000498842

Issued to: PRIME GOLD INDIA LTD.
S/2 PUNJABI BAGH EXTN.
NEW DELHI - 110026

J.O.No. 103-171-2838
Reg.No. 1317010
Date 07-04-2011
GC-01 (REV-04)

Kind Attn: MR. AMIT JAIN, SR. MANAGER COMMERCIAL
Year Ref.No. 30.03.2011

Sample Particulars: One sample described as SS pipe, SS-304 grade was received.
(The sampling was not carried out by the Representative Of SHRI RAM INSTITUTE FOR INDUSTRIAL RESEARCH. The sample details provided in Test certificate are based on declaration by the Party.)

TEST RESULTS

S.No.	Tests	Observation	Specified Value (Grade SS-304 of IS 5922:1992)	Conformity	Protocol Adopted Equipment Used
A.	CHEMICAL ANALYSIS (% by weight)				
1.	Carbon	0.06	0.08 Max.	Yes	IS: 228 & ICP-OES
2.	Silicon	0.59	1.0 Max.	Yes	
3.	Manganese	1.5	2.0 Max.	Yes	
4.	Phosphorus	0.030	0.045 Max.	Yes	
5.	Sulphur	0.018	0.030 Max.	Yes	
6.	Chromium	17.6	17.5-20.0	Yes	
7.	Nickel	8.0	8.0-10.5	Yes	

30.03.2011
06.04.2011

CENTRAL BUILDING RESEARCH INSTITUTE
(A Certified Establishment of CSIR)
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E-mail: cbr@centralbuildingresearch.in or cbr123@rediffmail.com
No. SED/HR/Gen/2005. Friday, May 20, 2006

By Speed Post/Courier
Dr. B. KAMESWARA RAO, M. Tech., Ph. D.
Deputy Director,
STRUCTURAL ENGINEERING DIVISION

Subject: Interim Report on Corrosion Resistance of Stainless Steel Pipes vis-à-vis with the Performance of GI Pipes.
Reference: Consultancy Project CNP-6324.
Dear Mr Satish Kumar,

This reference to our telephonic discussion on the subject mentioned above. The results of the accelerated corrosion tests on SS Pipes and GI pipes are provided below, as desired by you. Linear Sweep Voltammetry (LSV) studies have been conducted on both SS Pipes and GI Pipes by exposing them to four different environments. The exposure conditions are:

- Normal Water (pH=7.50),
- Acidic Environment (pH=3.33),
- Saline Environment (0.5% NaCl) and
- Alkaline Environment (pH=12.22).

The results are as given below:

Environment	Corrosion Rate in mm/year SS Pipe	GI Pipe	Corrosion Resistance of SS Pipes over GI Pipes
Alkaline Water	0.00117	0.007205	6.21 Times
Normal Water	0.00271	0.0283	10.44 Times
Acidic Water	0.121	1.36	10.41 Times
Saline Water	0.2693	4.162	15.45 Times

With kind regards,
To: Mr Satish Kumar, Director,

Yours Sincerely
(B KAMESWARA RAO)

15.45 times

Ethylene Propylene Diene Monomer

EPDM is used in pres fittings to ensure airproof jointing because of its excellent resistance to ozone, oxidants and severe weather conditions including excellent colour stability, heat resistance and dielectric qualities.

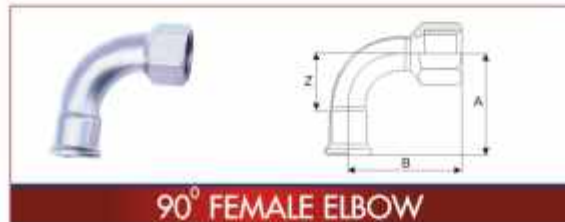
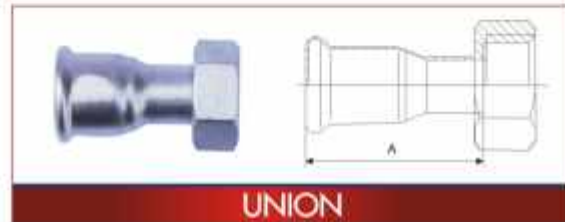
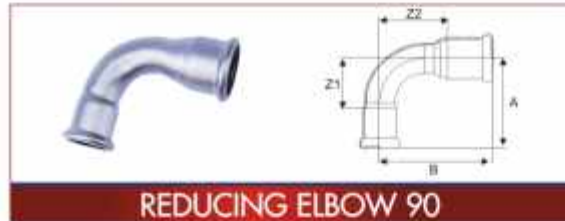
EPDM exhibits satisfactory compatibility with hot and cold water. Maximum Service temperature, Air 100°C-120°C, minimum service temperature, Air -54°C and having life more than 70 Years.

EPDM Rubber Composition Details

Material	Percentage	Function
1. EPDM Rubber	32%	
2. Filling (calcium carbonate)	16%	Stabilize, avoid D-shape of rubber
3. Reinforce (N330, N550)	31.20%	Provide crack resistance
4. Softener (paraffin oil no.300)	15.20%	Avoiding penetration due to moisture
5. Accelerator	01.12%	Provide high physical property
6. Vulcanizer	0.64%	Provide weather resistance and ageing resistance
7. Others	03.84%	To give shape
Total	100%	

CRIMPING FITTINGS

COMPLETE RANGE FROM 1/2" TO 3"



Main features of Prime Gold TMT Saria

- > More Strength
- > More Bendability
- > More Weldability
- > Earthquake Resistant
- > More Loading Capacity



Main features of Prime Gold Wall Putty

- > More Smoothness on wall
- > Water Resistance Capacity
- > Long Durability



Main features of Prime Gold POP

- > Pure White (10% Extra)
- > More Strength (7% Extra)
- > Crack Free



Main features of Prime Gold Cement

- > Quick Strength in Construction
- > Rust Resistant
- > Sulphate & Chloride Resistant



Main features of Prime Gold Paints

- > Easy to apply
- > More Coverage
- > Make attractive Surface



Main features of Prime Gold Tile Adhesive

- > Strong Grip
- > Waterproof
- > More Coverage

