



Electric Machinery and Equipment Stove Components

The components in this Whirlpool stove are now made of ferritic grade 439. A ferritic grade was selected due to its appropriateness for the purpose and lower cost. The switch has enabled Whirlpool to protect their existing market share and develop new markets.



Location/environment | BRAZIL/INDOOR

Product | STAINLESS STEEL SHEET

Fabrication process | FORMING

Grade/surface | 439/POLISH

Material thickness/diameter | 0.5 MM

Weight

Competing material | 304

Date of completion | DECEMBER 2007

Manufacturer | WHIRLPOOL

Material supplier | ARCELORMITTAL INOX BRAZIL

Source of information | ARCELORMITTAL INOX BRAZIL

Remarks



Cookware

Double Wall Food Transport Container

The double wall food container is designed to carry up to 30 litres of hot or cold food. The double wall provides insulation during transport, ensuring the food arrives fresh and ready to use. The container also comes with three internal, 10 litre pots, enabling you to carry three different types of food at the same time. A special lid form prevents leakage and spillage.



Location/environment | TURKEY/INDOOR

Product | COLD ROLLED STAINLESS STEEL

Fabrication process | DEEP DRAWING, SATIN POLISHING AND POINT WELDING

Grade/surface | 304/SATIN FINISH (HAIR LINE 360 GRADE)

Material thickness/diameter | 1.00 MM INNER AND OUTER WALL, 0.80 MM INTERNAL POTS

Weight | 9.7 KG

Competing material | ALUMINIUM

Date of completion

Manufacturer | OZTIRYAKILER METAL GOODS

Material supplier

Source of information | PASDER

Remarks

Cookware

Soup Serving Dish

This dish has been designed to keep soup or similar liquids warm while they are being displayed and served. The dish can be heated with an electrical heating element or with a fuel burner. The roll-top lid opens completely to facilitate easy serving and handling.



Location/environment | TURKEY/INDOOR

Product | COLD ROLLED STAINLESS STEEL

Fabrication process | DEEP DRAWING, POLISHING AND POINT WELDING

Grade/surface | AISI 304/MIRROR FINISH POLISHED

Material thickness/diameter | 3.00 MM FRAME, 1.20 MM LID, 0.80 INTERNAL POT AND LID

Weight | 12.5 KG

Competing material

Date of completion

Manufacturer | OZTIRYAKILER METAL GOODS

Material supplier

Source of information | PASDER

Remarks

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Cookware

Water Tank

Unlike plastic, which is often used to manufacture water tanks in India, stainless steel does not degrade after long term exposure to sunlight. The quality of the water in the tank is also better because stainless does not absorb pollutants, chemical, pesticides or other contaminants.

This is particularly important considering the tanks are used to store drinking water.

The tanks cost marginally more than a plastic tank but the long life and quality of the water are significant benefits. Capacities of 500, 1,000, 1,500, 2,000 and 2,500 litres are available.



Location/environment | CHENNAI, INDIA/INDOOR AND OUTDOOR

Product

Fabrication process

Grade/surface | SS AISI 30400

Material thickness/diameter

Weight

Competing material | PLASTIC

Date of completion

Manufacturer | M/S SREEVATSA STAINLESS STEEL FABRICATORS (P) LTD,

Material supplier

Source of information | ISSDA/STAINLESS INDIA, VOL. 13 NO. 2, MARCH 2008

Remarks



Home and Office

River Sink

Grade 304 has been used to create this high-quality, decorative sink.

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Location/environment | UNITED STATES/INDOOR

Product | COLD ROLLED STAINLESS STEEL SHEET

Fabrication process | DRAWING

Grade/surface | 304

Material thickness/diameter | 1.65 MM

Weight

Competing material | CORIAN®, COPPER, BRONZE, NICKEL

Date of completion | 2007

Manufacturer | ELKAY

Material supplier | NORTH AMERICAN STAINLESS (NAS)

Source of information | NORTH AMERICAN STAINLESS (NAS)

Remarks | CORIAN IS A REGISTERED TRADEMARK OF THE DUPONT CORPORATION.