



# Galvanized Steel Drums

Highly corrosion-resistant drums available in both tight head and open head.

## ➔ Major Application

Used for phenols, perfumes, varnishes and other materials that should not be directly in contact with steel.

## ➔ Technology

High-quality galvanized steel sheet manufactured by Nippon Steel Corporation is used.

### [Phenol-corrosion Test Result]

Results of immersion test (40°C, 40 days)

Specimen	Change in specimen		Change in experiment liquid
	Outlook	Reductions in weight	
<b>Galvanized</b>	No change	-0.5%	No change
<b>Iron-phosphate</b>	Decoloured	-63.6%	Change to reddish brown
<b>Zinc-phosphate</b>	No change	-11.6%	Change to reddish brown

### [Characteristics of Zinc Coating]

An example of test results of the weathering-resistant characteristics in atmospheric exposure is shown in Graph 1 below. Under normal atmospheric conditions, the rust prevention capability of galvanized steel sheet is 5 to 30 times higher than that of ordinary steel sheets.

Graph 2 shows the effect of special surface treatment of conventional galvanized steel sheets in the improvement of corrosion-resistance.

