



**CASE STUDY**

**AMCOR FLEXIBLES**

**PALEJ, BHARUCH**



TIME SAVINGS  
**13 weeks**

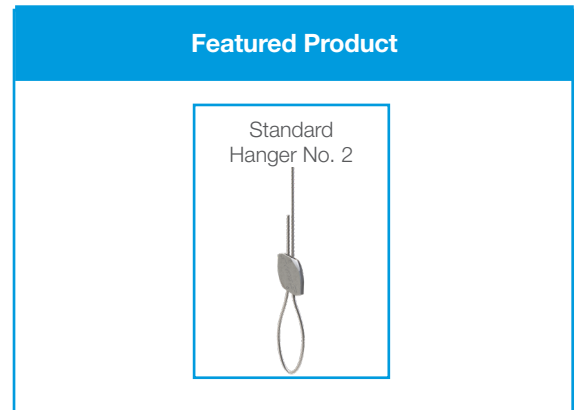
LABOUR SAVING  
**54,000 INR**

TOTAL SAVINGS  
**79,000 INR**

“Gripple’s wire hanging solution was perfect for the height of the warehouse - the installation time was drastically reduced and couldn’t have been easier to use”

-Mr. Javed, Site Engineer, Joshi Engineering

Project Summary	
Building type	Industrial
Building size	8000.sqm
Consultant	Joshi Engineering
MEP Contractor	Joshi Engineering
Application	HVAC



**PROJECT DETAILS**

Amcor developed a new manufacturing unit to meet the growing demand for Unilever laundry products in India. The new facility is a **metal-framed 8000 sq. meter plant** which has three manufacturing lines running 24 hours a day.

Gripple was chosen to **suspend HVAC ducting due to the size of the duct and the drop from the ceiling**. The ducts were designed to hang at a drop of 10 meters, which was the biggest challenge. They also wanted the look to **match the aesthetic** of the other work on site.

Joshi Engineering **utilised wire hanging** in order to meet the brief as they could easily **hit the 10 meter drop target** and **adjust quickly** if they encountered any issues thanks to the **quick release on the standard hanger**. This choice to use a non-traditional method saved the project 13 weeks on site. The decreased installation time also led to a 54,000 INR saving on labour allowing for a more efficient site. View the financial break down on the next page to see the project savings in more detail.





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**COST SAVING SUMMARY**

	Gripple solution	Traditional method
Overview	<b>Standard Hanger No.3</b>	Threaded rod, Strut, Rod connector, Beam Clamp
Material cost	<b>200,000 INR</b>	225,000 INR
Installation time	<b>200 Hours</b>	800 Hours
Labour rate (per hour)	<b>90 INR</b>	90 INR
Total labour cost	<b>18,000 INR</b>	72,000 INR
Total cost	<b>218,000 INR</b>	297,000 INR

\* Tentative calculation for labour saving is based on our observations and an eight hour work day.

**PROJECT IMAGES ON SITE**

