



CATALOGUE 2009

LOGISTIC STORAGE SOLUTIONS



High Rise Storage



Mobile Rack



FIFO Storage Rack



Mould Rack



FPO Bin Trolley



On Line FIFO



Pallet



Assembly Table



Tool Cabinet



Platform Trolley



CNC 'A' Type Trolley



Sheet Storage Rack



Mezzanine Floor



Auto Store Lift



Roller Track



Roto Store



Industrial Lockers



Conveyor



Pipe & Joint



Castors



Pipe & Joint Solution



What Is Pipe & Joint System ?

The Pipe & Joint System can show the idea at once & can avail the effect immediately.

Easy to handle the products : Made of light materials Unnecessary to equip special facilities for producing High Safety, Simple Fitting for working places : unnecessary to weld Continuous Reforming Activities are possible



C-nico Pipe

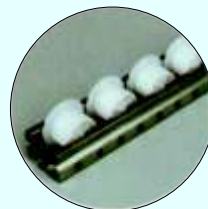
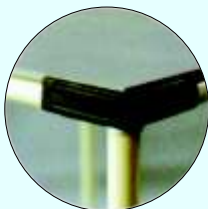
Pretty colour like as stainless steel easy assembly of pipe structure to use various joint, Placon & Castor.



ABS Pipe

ABS coated pipe Simple Assembling, Modular.

Simple Correction : In the case of making mistakes



Features

Simple assembling and easy producing without special skills.

Diversification : Multiform. Meeting all your requirements even the most complicated ideas.

Clean and durable : Coated with ABS resin.

Continuous reforming activities are possible.



Rack System

- Will promptly make you carry out your ideas and enable you to be aware of its effect.

Main Objective Of Products

Logistics Purpose

Replacement of Stainless Steel Material

Wide usage of products

Automobile Industries	Airport	Garment	Hotel
Electronics Factory	Hospital	Food Processing Factory	Resort
Semi-Conduction Factory	Supermarket	Agriculture	Golf Court
Motor and Fan Factory	Warehouse	Fisheries	Swimming Pool

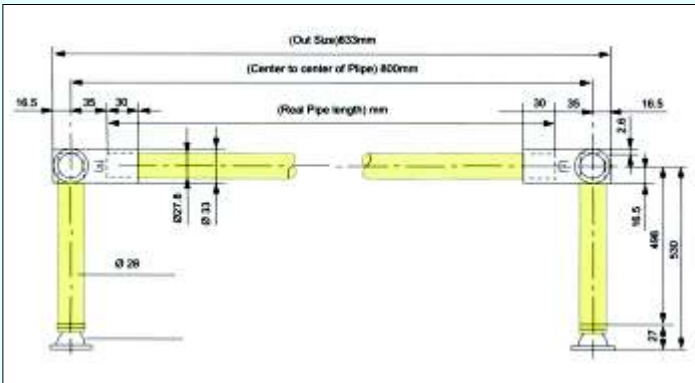
- Simple adjusting : in case of making mistakes.
- Easy to handle the products : made of light materials.
- Unnecessary to equip special facilities for producing : possible to manipulate.
- High safety, simple fitting to working places : unnecessary to weld.

Assembling is a most simple method, it can be completed by only fitting together pipes and joints with your hands only.



Calculating and Method of Producing

Process and Method of Producing



The Calculation for Horizontal Length of Pipe

$$\begin{aligned}
 &800 \text{ Length between the both centers} \\
 &-70 \text{ Length between end of pipe \& center of joint (35mm x 2)} \\
 \hline
 &730 \text{ Practical length of pipe to be cut}
 \end{aligned}$$

The Calculation for Vertical Length of Pipe

$$\begin{aligned}
 &530 \text{ Length between the end of adjuster \& center of joint} \\
 &-27 \text{ Length (space) between the end of pipe \& the end of adjuster} \\
 &+ 16.5 \text{ Length between the center \& the surface of joint} \\
 \hline
 &519.5 \text{ Practical length of pipe to be cut}
 \end{aligned}$$

Pipe Joint : The Strength of Pipes & Joints



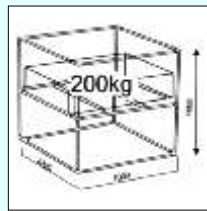
Metal Joint HJ-1 ~ 10



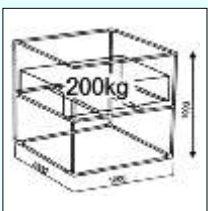
Goblin Pipe



C-Nico Pipe



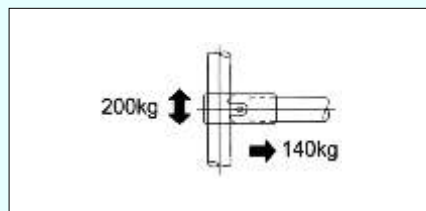
Metal Joint HJ-1 ~ 10



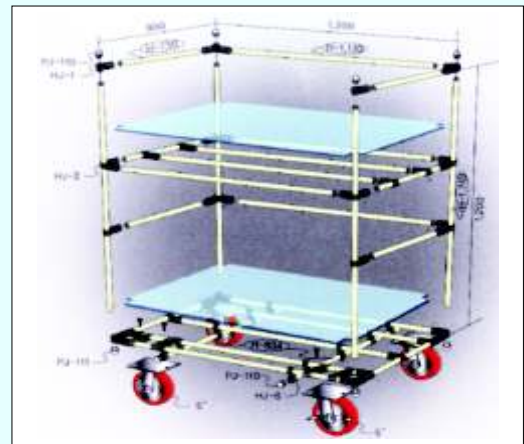
Goblin Pipe



C-Nico Pipe



Metal Joint HJ-1 ~ 10

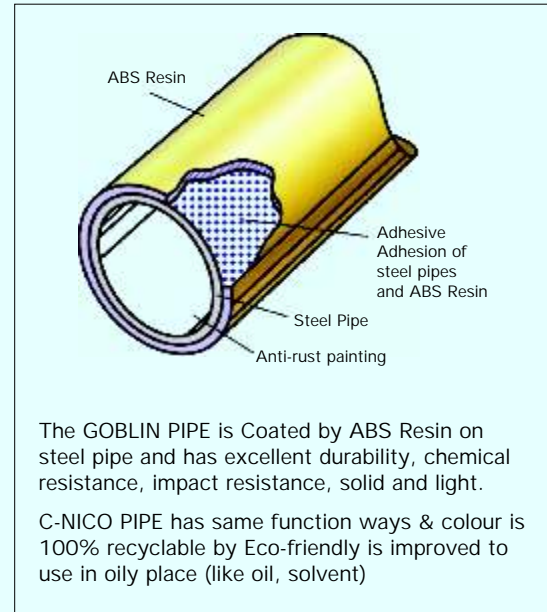


Pipes

Goblin Pipe



C-nico Pipe



Slide Pipe



Slide Pipe



The GOBLIN PIPE is Coated by ABS Resin on steel pipe and has excellent durability, chemical resistance, impact resistance, solid and light.

C-NICO PIPE has same function ways & colour is 100% recyclable by Eco-friendly is improved to use in oily place (like oil, solvent)

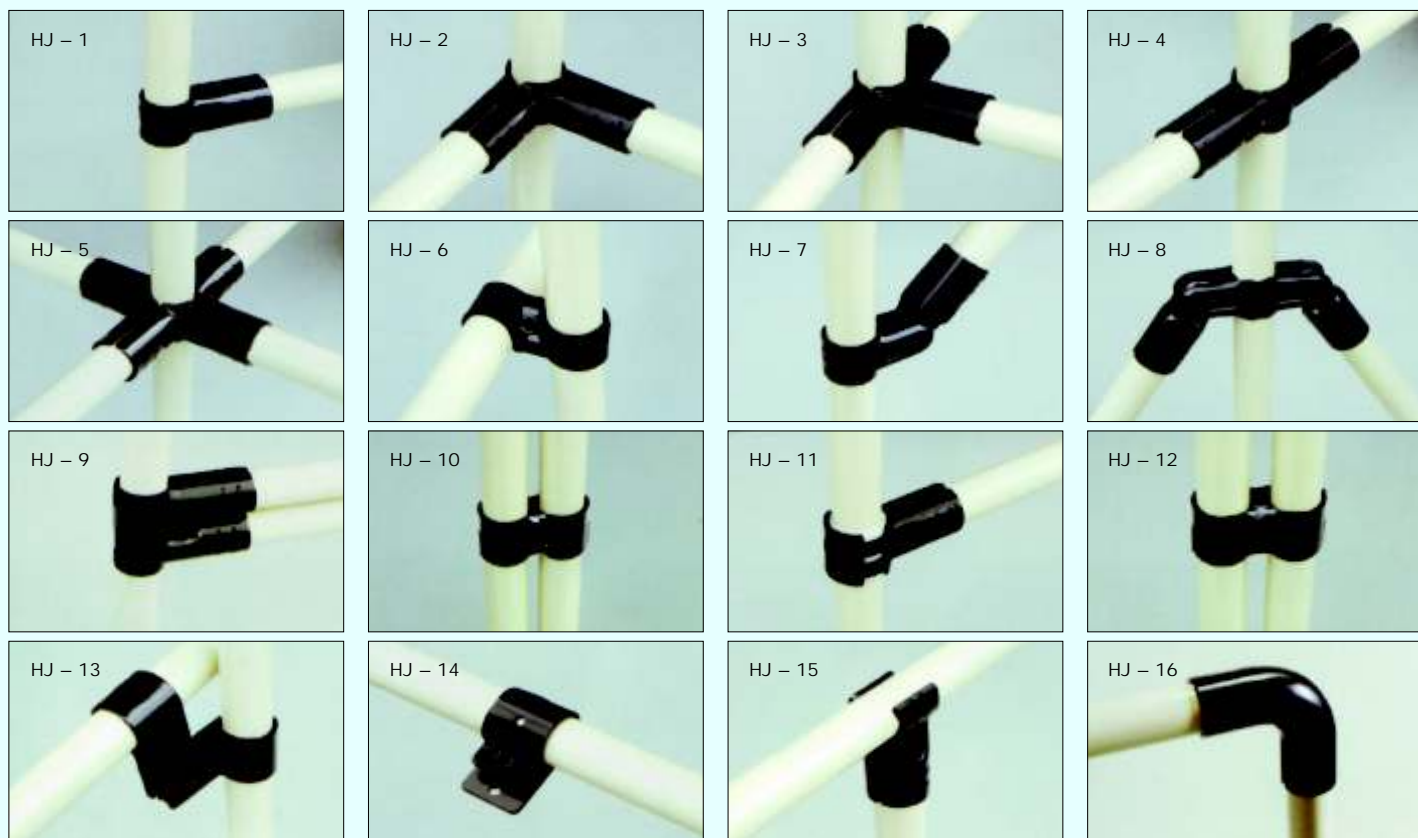
ITEM NO.	TYPE	Ø	COLOUR	WEIGHT	LENGTH	HV
JGB – 28	GOBLIN PIPE	28	IV, GN, BL, GY	725 g/m	4m	90
JN – 28	C-NICO PIPE	28	SILVER	550 g/m	4m	210
JS – 28	SLIDE PIPE	28	IV, GN, BL	770 g/m	4m	90
JGB – 32	GOBLIN PIPE	32	IV	875 g/m	4m	90
JN – 32	C-NICO PIPE	32	SILVER	660 g/m	4m	210

COLOUR : IV-IVORY, GR-GREEN, BL-BLUE, GY-GREY

Metal Joints For Ø 28

The Ø 28 metal joint will be fastened by bolt & nut so that it is available to assemble & disassemble.

Materials : MS. / Weight : 275g. / Colour : Black, Zinc, Nickel.

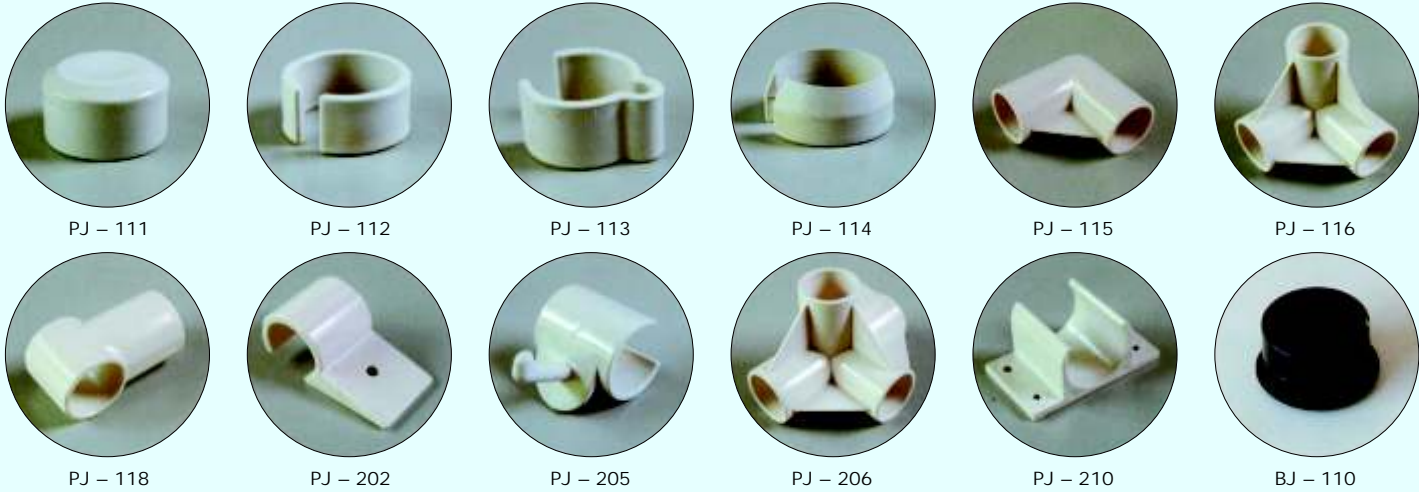


Plastic Joints

Application For Plastic Joints : Light Weight, Anti Rust, Anti Scratch, Smart Appearance, Temporary Assembly.

Materials : (P.E.) (Rubber) / Weight : 35g / Colour : Black, Grey, Orange

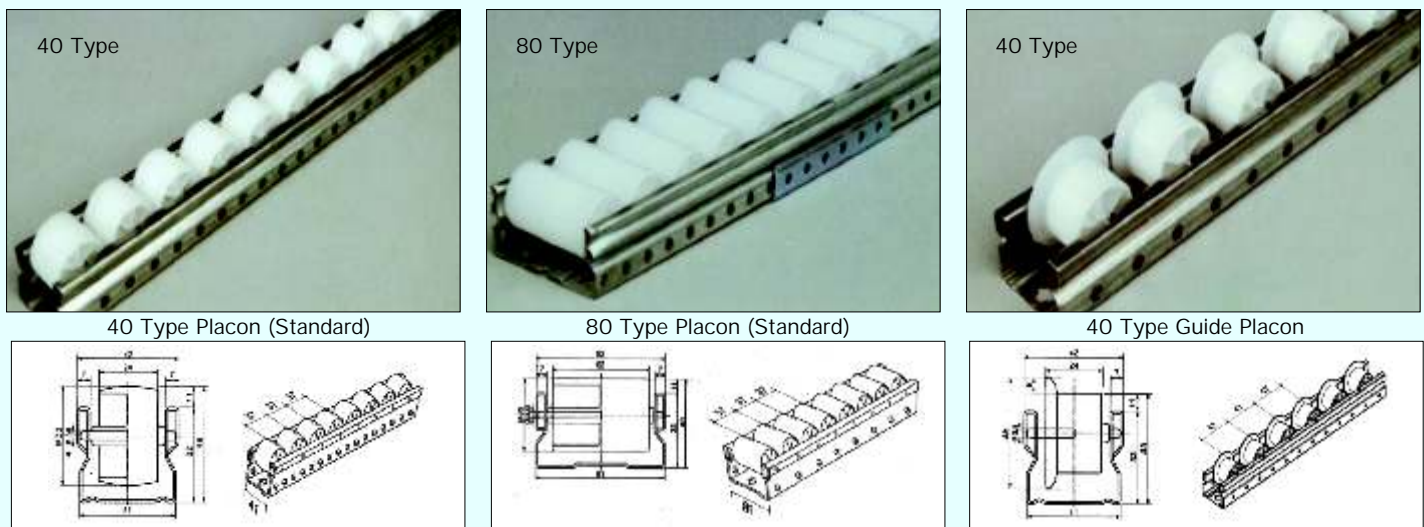
Plastic Joints for Ø 28 : The plastic joint will be fastened by acid bond with strong adhesive strength.



Placons

It can be easily combined to a pipe.

Being light and easy to use. the FLOW RACK, using the PLACON can improve the efficiency of goods circulation due to its easiness to control quality and stock by the first in first out rules, and easiness to cope with the diversification of goods.



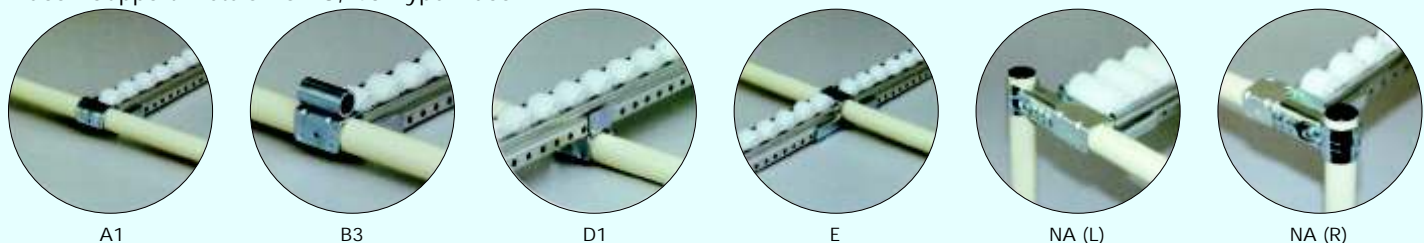
Compressive Strength : (1) Roller : about 73 kg, (2) Per 1,000 mm of PLACON Frame : about 245 kg

Materials : (1) Frame : SPGI (2) Roller : PE (3) Shaft : SPACE


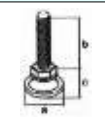



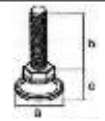

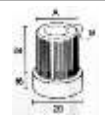
Genuine Spare Parts

It consists of several kinds of support metals for combining pipes, placon rollers. Need to choose the suitable support metals after considering the shape or purpose for placon slide pipe and each pipe types (28Ø, 32Ø, Square)

Placon Support Metals : S-28, 40 Type Placon





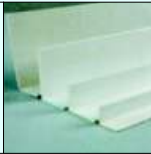





Adjuster

Rubber Coated			Item No.	a	b	c	Stem Spec	Reference
			KW 213 – S 050 WR	38	50	21	1 / 2 x 12 UNC	STANDARD
			KW 213 – S 100 WR	38	100	21	1 / 2 x 12 UNC	
			KW 213 – S 150 WR	38	50	21	1 / 2 x 12 UNC	
Adjuster Bolt -semi Circle			Item No.	a	b	c	Stem Spec	Reference
			KW 213 – L 050 W	55	50	20	1 / 2 x 12 UNC	STANDARD
			KW 213 – L 100 W	55	100	20	1 / 2 x 12 UNC	
			KW 213 – L 150 W	55	50	20	1 / 2/ x 12 UNC	
Adjuster Bolt -small			Item No.	a	b	c	Stem Spec	Reference
			KW 213 – L 050 WR	38	50	19	1 / 2 x 12 UNC	STANDARD
			KW 213 – L 100 WR	38	100	19	1 / 2 x 12 UNC	
			KW 213 – L 150 WR	38	50	19	1 / 2/ x12 UNC	
Business Nut-metal			Item No.	Classification	c	Stem Spec	USAGE	
			KW 212 – PN 2	Ø28 Goblin Pipe	24	1 / 2 x 12 UNC	A / D Bolt, 2" Castle	
			KW 212 – PN 2 IO	Ø28 C-Nico Pipe	24	1 / 2 x 12 UNC		
			KW 212 – PN 2 IE	Ø28 C-Nico Pipe	24	1 / 2 x 12 UNC		

Plastic Angle

It will be used for light products when loading on multi stage in each and every room and the purpose of anti scratch for products.

Color : White, Ivory, Grey

Dividing Type Plastic Angle			ITEM NO	A	B	C	D
			KD 206 – D 50 x 55 x 5 W	50	55	5	WHITE
			KD 206 – D 70 x 75 x 5 W	70	75	5	
			KD 206 – D 100 x 90 x 5 W	100	90	5	
L – Type Plastic Angle			ITEM NO	A	B	C	D
			KD 206 – L 30 x 50 x 3 W	50	50	3	WHITE
			KD 206 – L 50 x 50 x 5 W	70	50	5	
			KD 206 – L 100 x 50 x 5 W	100	50	5	
			KD 206 – L 150 x 50 x 5 W	150	50	5	
T – Type Plastic Angle			ITEM NO	A	B	C	D
			KD 206 – T 60 x 60 x 5 W	60	60	5	WHITE
			KD 206 – T 100 x 60 x 5 W	100	60	5	
C – Type Plastic Angle			ITEM NO	A	B	C	D
			KD 202 – 285 GY			3	GRAY
			KD 202 – 285 GY			3	IVORY



