



CLAMPS AND HANGERS

Cosmoplast, a primary member of Group Harwal, has been at the forefront of the plastic industry in the Gulf region since its founding in 1976. Through constant growth and product diversification, the company continues to be the largest thermoplastic pipe manufacturer in the region.

Continuously enhancing its capabilities in plastic manufacturing technologies, Cosmoplast now utilizes a diverse range of materials such as UPVC, polyethylene (PE100, PE80, LLDPE), cross-linked polyethylene (PEX), random copolymer polypropylene (PP-R), and glass-reinforced plastic (GRP).

Cosmoplast's ongoing research and development programs continue to add new products to its pipeline systems product range that now includes pre-insulated pipes, reinforced thermoplastic pipes, specialized plumbing systems and fabricated uPVC and GRP manhole systems. Its state-of-the-art engineering, design and tool room facilities are fully capable of manufacturing moulds, dies, machinery equipments and other specialized tooling requirements to meet the company's continual expansion and product development requirements.

With this extended product range, Cosmoplast's pipeline systems cater to an extensive range of market sectors and applications covering infrastructure development, plumbing, oil & gas, district cooling, irrigation, landscaping and water extraction.

An ISO 9001 certified company, Cosmoplast has its production facilities based in Sharjah, Abu Dhabi and Dubai, converting over 75,000 metric tons of plastic per annum. In addition to these, Cosmoplast also has upcoming facilities in Saudi Arabia, Moscow and Kaliningrad.

COSMOPLAST PIPELINE SYSTEMS PRODUCT RANGE INCLUDES:

INFRASTRUCTURE PIPELINE SYSTEMS (uPVC, PE, GRP)

uPVC and Polyethylene pipeline systems with sizes ranging from 16mm up to 1200mm, well casings and screens and GRP pipeline systems with sizes from 100mm up to 1400mm for applications including:

- Water extraction • Water distribution • Drainage • Sewerage • Gas distribution • Cable ducting

PLUMBING SYSTEMS (uPVC, PP-R, PEX)

Comprehensive range includes uPVC & HDPE systems for drainage, CPVC, random polypropylene (PP-R) [plain and aluminium composite] and cross-linked polyethylene (PEX) systems for water and sanitary applications and uPVC high pressure pipes and fittings for water supply and A/C drain. Plumbing accessories such as pipe clamps, polyethylene compression fittings, solvent cement, lubricants and adhesives complement this product range.

PRE-INSULATED PIPES (HDPE-HDPE, HDPE-GRP, HDPE-STEEL, GRP-HDPE, GRP-GRP, GRP-STEEL)

Jacket-core pipe combination with polyurethane insulation are used for applications such as District Cooling systems, Oil & Gas and other industrial applications. Cosmoplast provides HDPE and GRP pipes as jackets and LLDPE, GRP and steel as core pipes.

IRRIGATION SYSTEMS (LLDPE)

Consists of high precision in-line drip pipes and landscape and lawn edging. This range also includes saline resistant valves, drainage systems, sprinklers and central controllers.

REINFORCED THERMOPLASTIC PIPES (RTP)

Available in length of up to 500m, with a working pressure of 150 Bar at a temperature of 60 degrees Celsius. RTP is used for gas distribution networks, oil flow lines and water injection lines.

Clamps And Hangers For Plumbing Systems

Rubber Lined Split Clamps

Recommended for the support of stationary pipe lines where noise reduction is desired.



Technical Features and Advantages

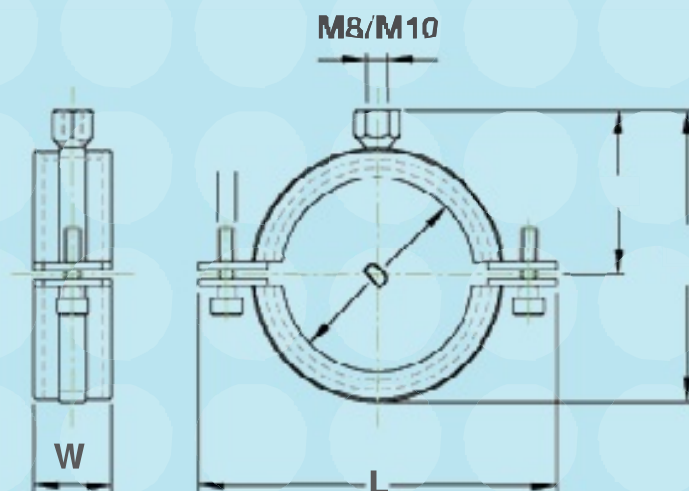
- Two-piece design, single Bossed Clamp
- Two M6 locking screws allow adjustment to accommodate the variations in pipe diameters
- Welded combination nut, size M8 / M10
- Side screws: M6 combination head with retaining washer
- Heavy duty clamp with high load capacity
- Acoustic insulation using EPDM Rubber for Sound Reduction in compliance with DIN 4109
- Special rubber design prevents the lining from slipping out of the clamp
- Temperature rating 50°C - 110°C
- Electro Galvanized Zinc Plated surface
- Breaking load in traction: 650 kg
- Safe working load: 2,000 N

Rubber Specifications

Material	: EPDM
Stretch	: $\geq 250\%$
Hardness	: 45 shore A
Temp. Resistance	: $-40^{\circ}\text{C} - +110^{\circ}\text{C}$
Average noise level	: 18 dB

DIMENSIONS

CODE	ID SIZE (inch)	ID SIZE (mm)	DIMENSIONS (mm)				THICKNESS (mm)	QTY / CRTN
			L	W	H1	H		
CPCLCL001SI	½"	20-24	65	20	44	29	1.6	400
CPCLCL021SI	¾"	25-30	71	20	50	32	1.6	350
CPCLCL020SI	1"	32-37	78	20	57	35	1.6	300
CPCLCL019SI	1¼"	40-45	86	20	65	39	1.6	250
CPCLCL018SI	1½"	48-53	92	20	71	42	1.6	250
CPCLCL017SI	56MM	54-58	98	20	77	45	1.6	200
CPCLCL016SI	2"	59-63	104	20	83	48	1.6	200
CPCLCL015SI	2½"	75-80	119	20	98	56	1.6	150
CPCLCL014SI	82MM	82-86	127	20	106	60	2.0	125
CPCLCL013SI	90MM	89-91	133	20	112	63	2.0	125
CPCLCL012SI	4"	108-116	154	20	133	73	2.0	100
CPCLCL011SI	160MM	159-162	206	25	185	99	2.0	75
CPCLCL009SI	6"	165-168	206	25	185	99	2.0	75
CPCLCL010SI	200MM	198-202	259	25	238	126	2.0	50
CPCLCL008SI	8"	216-220	259	25	238	126	2.0	50



Unlined (Plain) Split Clamps

Suitable for installations without vibration control requirements. Can be used as a pipe anchor point.

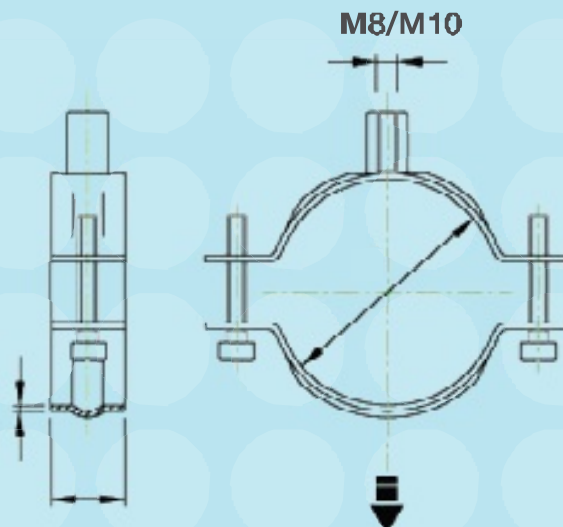
Technical Features and Advantages:

- Two-piece design, single Bossed Clamp
- Two locking screws allow adjustment to accommodate the variations in pipe diameters
- Nut size M8 / M10 (combination nut)
- Screw : M6 hexagonal combination head with retaining washer
- Heavy Duty Clamp with high load capacity
- Electro Galvanized Zinc Plated surface
- High breaking resistance
- Breaking load in traction : 650 kg
- Safe working load : 2,000 N



DIMENSIONS

CODE	SIZE (inch)	SIZE (mm)	DIMENSIONS (mm)				T (mm)	QTY / CRTN
			L	H1	H	W		
CPCLCL007SI	36MM (1¼ ")	32-37MM	75	52	33	20.0	2.0	500
CPCLCL006SI	43MM (1½ ")	40-45MM	83	60	38	20.0	2.0	400
CPCLCL005SI	56MM (2")	54-58MM	95	72	44	20.0	2.0	400
CPCLCL004SI	82MM (3")	82-86MM	124	101	58	20.0	2.0	200
CPCLCL003SI	110MM (4")	108-116MM	151	128	71	20.0	2.0	150
CPCLCL002SI	160MM (6")	159-162MM	203	180	97	20.0	2.5	100



Sprinkler Hangers

Recommended for the suspension and support of stationary non-insulated sprinkler piping in fire protection applications.

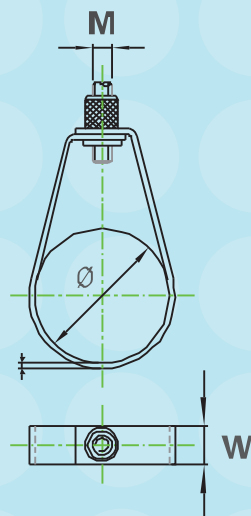
Technical Features and Advantages:

- One-piece design allows secure, quick and easy installation of sprinkler pipes
- Ideal for suspension using Threaded Pins and Threaded Rods
- Simple height adjustment using the knurled nut
- Locking mechanism allows easy pre-mounting and maintenance
- Electro Galvanized Zinc Plated surface
- High braking load (refer to the below table)



DIMENSIONS

CODE	SIZE (inch)	ROD SIZE (mm)	W (mm)	T (mm)	BREAK LOAD (kg)	SAFE LOAD (kg)	QTY / CRTN
CPCLXX010SI	1½"	8	20	1.6	1350	450	—
CPCLXX009SI	¾"	8	20	1.6	1350	450	—
CPCLXX008SI	1"	8	20	1.6	1350	450	400
CPCLXX007SI	1¼"	8	20	1.6	1350	450	300
CPCLXX006SI	1½"	8	20	1.6	1350	450	250
CPCLXX005SI	2"	8	20	1.6	2200	700	200
CPCLXX004SI	2½"	8	25	2.0	2200	700	100
CPCLXX003SI	3"	10	25	2.0	2200	700	75
CPCLXX011SI	3½"	10	25	2.0	2200	700	50
CPCLXX002SI	4"	10	25	2.0	2600	850	50
CPCLXX012SI	5"	12	25	2.5	2600	850	40
CPCLXX001SI	6"	12	25	2.5	2600	850	40



Clevis Hangers

Recommended for installations where axial movement is expected like in chilled water installations.

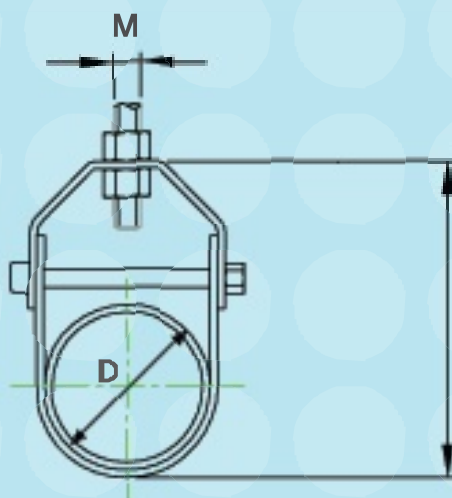


Technical Features and Advantages:

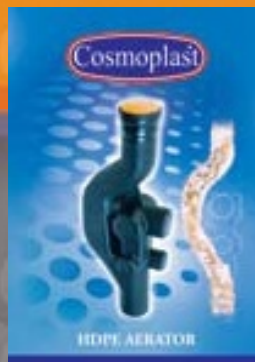
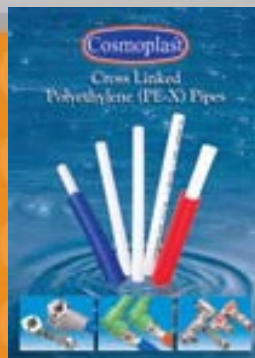
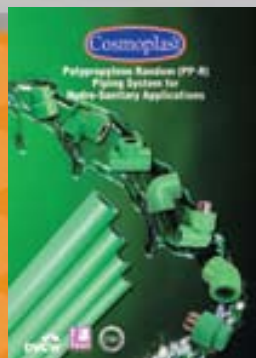
- Two-piece design allows free axial movement of pipes.
- Ideal for suspension using Threaded Pins and Threaded Rods.
- Locking mechanism allows easy pre-mounting and maintenance
- Electro Galvanized Zinc Plated surface.
- High bracing load (refer to the below table)

DIMENSIONS

SIZE (inch)	ROD SIZE	CROSS BOLT SIZE (mm)	DIMENSIONS (mm)		W (mm)	THICKNESS (mm)
			H	D		
1"	10	M10X70	80	35	25	3.0
1¼"	10	M10X85	92	42	25	3.0
1½"	10	M10X85	100	48	25	3.0
2"	10	M10X95	109	60	25	3.0
2½"	10	M12X110	145	73	25	4.0
3"	10	M12X120	154	89	25	4.0
3½"	10	M12X150	177	105	25	4.0
4"	10	M16X180	194	116	32	6.0
5"	12	M16X180	228	140	32	6.0
6"	12	M20X220	263	168	32	6.0
8"	12	M20X220	336	219	32	6.0



Other Plumbing Systems



Cosmoplast[®]