



► THERMOPLASTIC  
*pipng*  
SOLUTIONS



► THERMOPLASTIC  
*sheets*  
SOLUTIONS



► INSTALLATION  
*services*  
& DESIGN

|| PVDF || PE || PPH || HIPS || PPFR || Specialty || CPVC

# SANGIR *Plastics*

SERVICING CUSTOMERS WITH QUALITY THERMOPLASTIC  
PIPING AND SHEET PRODUCTS SINCE 1982.

*Sangir Plastics P. Ltd is an ISO 9001: 2000 Certified company offering thermoplastic piping & sheeting solutions to quality conscious customers. It is a pioneer in bringing several advanced plastic solutions to India.*

## Compression Fittings

SANGIR PLASTICS PVT LTD. is a manufacturer of industrial piping systems and specialized plastic products, based in Mumbai, India. An ISO 9001:2000 Certified Company, Sangir has been in the plastics industry for over 25 years and occupies place in the industry as premium quality manufacturer of advanced plastics products.

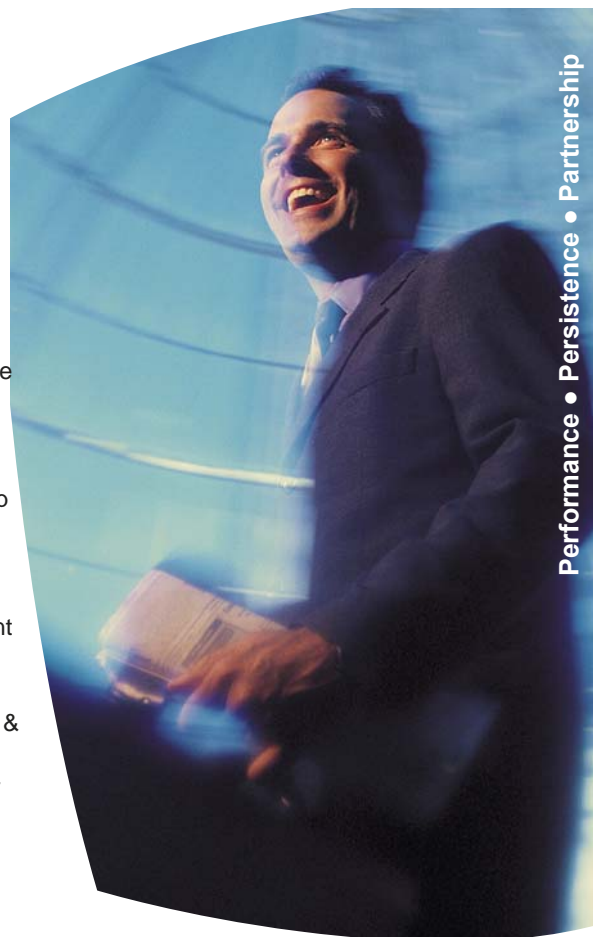
Sangir has technically advanced manufacturing locations in India at Vapi, Gujarat & near Jaipur, Rajasthan spanning on a total area of over 500000 sq ft. Sangir products are offered with guaranteed performance. The objective of providing high cost benefit to ensure that customer long terms goals are addressed with products that last even

longer. No wonder Sangir Products are now exported to over 15 different countries in 3 continents.

Our range of compression fittings is up to 4" in PP material.

### APPLICATIONS:

- ≡ Branch Lines in potable and effluent water distribution
- ≡ Temporary water Supply for construction sites, military bunkers & barracks
- ≡ Irrigation and Sprinkler systems for Agriculture.
- ≡ Optical Fibre Cable Conduits.
- ≡ Residential and Society Water Distribution
- ≡ Health Spas and Water Parts



Performance • Persistence • Partnership



## PIONEERING PRODUCTS

- ‡ KYNAR® PVDF - Sangir becomes the first company in India to produce Kynar® approved PVDF pipes in India. Pipes are available upto 160mm are marked Kynar®.
- ‡ Sangir PPGL Pipes – First Company in India to provide fibre glass lined PP pipes.
- ‡ Sangir PolyGL Sheets – Launch of PPH2222 sheets with fibre glass backing

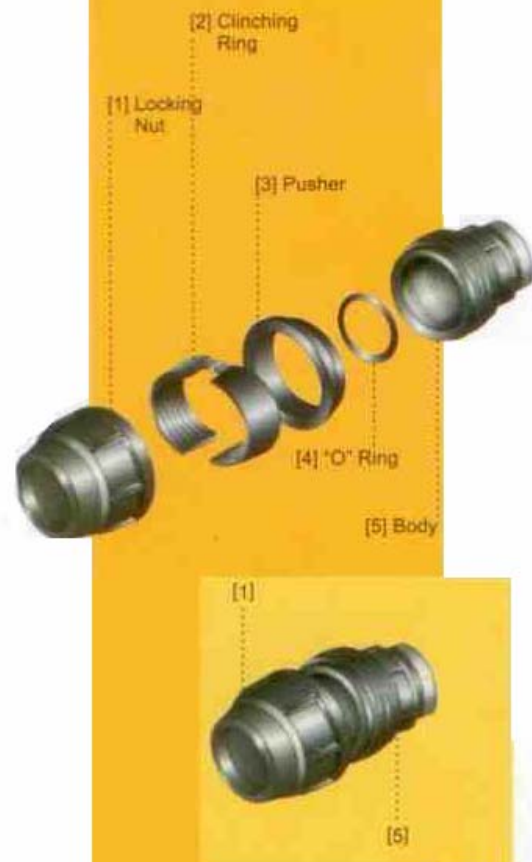
ACCREDITED  
ISO 9001: 2000  
ISO 14001: 2004

# COMPRESSION FITTINGS

*Par Excellence.*

## SALIENT FEATURES

- ▶ Manufactured with Virgin PP material.
- ▶ Pressure rating of PN 10.
- ▶ Specially designed clinching rings for stronger grip and fastening
- ▶ Unique inner 'O' ring ensures double gripping and prevents leakage
- ▶ Very Economical and easy to join/connect.
- ▶ Available in various to suit individual needs.
- ▶ Is reusable – saves project cost when repeated use is intended.



## ▶ THERMOPLASTIC *pipng* SOLUTIONS

Sangir offer a broad range of pipes & fittings for chemical, water, gas & slurry transport in temperatures between 20°C and +140°C in various pressure classes. International standardization in colors, sizes is followed as well as custom colors/sizes in high performance areas have been developed to support several engineering clients.

### Range:

16mm to 630mm  
PN 2.5 to PN16

### Standardization:

#### HDPE

ISO 4427	IS 4984
IS14333	IS14151
DIN8074	EN12204
IS7360	IS 8008

#### PP

DIN 8077	DIN16962
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#### PVDF

ISO 10931	DIN 16962
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### Range:

20mm to 110mm  
PN 10

### Color :

Blue & Black  
Green & black

## ▶ INSTALLATION *services* & PIPING DESIGN AVAILABLE

**Quality is a race where the finish is only the beginning....**

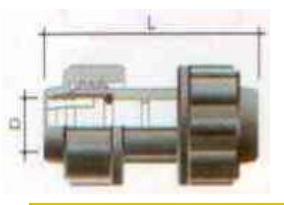
*Sangir holds the certification for:*

*ISO 9001:2000 since Year 2000  
ISO 14001:2004 since Year 2008*



# STRAIGHT COUPLER

PART NO	D X D (mm)	L (mm)
SC20	20 X 20	94
SC25	25 X 25	100
SC32	32 X 32	105
SC40	40 X 40	120
SC50	50 X 50	138
SC63	63 X 63	160
SC75	75 X 75	180
SC90	90 X 90	200
SC110	110 X 110	235



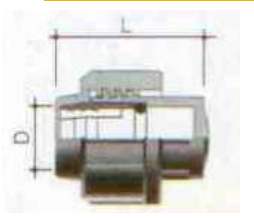
# REDUCING COUPLER

PART NO	D X D1 (mm)	L (mm)
RC2520	25 X 20	97
RC3220	32 X 20	112
RC3225	32 X 25	113
RC4032	40 X 32	118
RC5032	50 X 40	132
RC5040	50 X 32	125
RC6350	63 X 50	155
RC7563	75 X 63	155
RC9063	90 X 63	190
RC9075	90 X 75	200
RC11090	110 X 90	225



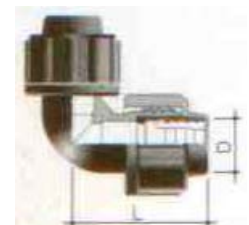
# END CAPS

PART NO.	D (mm)	L (mm)
EC20	20	52
EC25	25	58
EC32	32	75
EC40	40	90
EC50	50	105
EC63	63	135
EC75	75	150
EC90	90	175
EC110	110	205



# EQUAL BEND

PART NO.	D (mm)	L (mm)
EB20	20	60
EB25	25	67
EB32	32	70
EB40	40	85
EB50	50	105
EB63	63	120
EB75	75	130
EB90	90	155
EB110	110	190



# EQUAL TEE

PART NO	D (mm)	L (mm)	L1 (mm)
ET20	20	120	63
ET25	25	134	67
ET32	32	140	72
ET40	40	165	90
ET50	50	198	102
ET63	63	235	125
ET75	75	270	140
ET90	90	300	155
ET110	110	370	190



# TECHNICAL SPECIFICATIONS

*Our policy is one of continuous development and we reserve the right to alter specification without notice.*

# WHY SANGIR?

- ▶ Robust Design : Easy to Fit, connect, remove.
- ▶ User Friendly
- ▶ Special Clenching rings made of Poly acetal Copolymer (POM)
- ▶ Unique 'O' rings of neoprene material with hardness of 70 shores
- ▶ Compact size and light in weight.

## ACCESORIES

- End Plugs
- Cable Sealing Plugs
- Rubber End Caps
- Spanners
- Saddles
- Male Threaded Adaptors
- Female Threaded Adaptors
- Electrofusion Couplers
- Brass Insert Adaptors



Contact us:

## SANGIR PLASTICS P LTD

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