

► THERMOPLASTIC
pip
SOLUTIONS

► THERMOPLASTIC
sheet
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.*



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 Electrofusion Fittings extends upto 315m for some types of fittings

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

**ELECTRO FUSION
FITTINGS**

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



ELECTRO FUSION FITTINGS

Par Excellence.

SALIENT FEATURES

EF Fittings

► 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
----------	----------

PVDF

ISO 10931	DIN 16962
-----------	-----------

- Manufactured with Virgin PE 100 material.
- Automatic Bar Coding System
- Extra wide fusion zones
- Visible Fusion Indicator.
- Easy installation and easy grip type for large sizes.
- Pressure rating of PN 16.
- Available in various to suit individual needs.
- Meet or exceed ANSI/ ASME , EN & other International Standards

Range:

20mm to 200mm
(some fittings upto 315mm)

PN 10

Color :

BLACK



► INSTALLATION *services* & PIPING DESIGN AVAILABLE

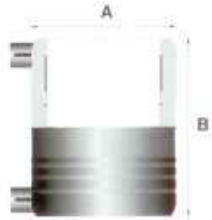
Quality is a race where the finish is only the beginning....

Sangir holds the certification for:

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



Electro Fusion Coupler and Elbows



Dimensional Table mm

DIMENSION SIZE	A	B
20MM	33	74
25MM	39	78
32MM	47	82
40MM	57	88
50MM	66	98
63MM	86	117
75MM	99	128
90MM	116	142
110MM	141	151
125MM	157	163
140MM	176	165
160MM	203	196
180MM	225	207
200MM	252	223
225MM	279	240
250MM	312	257
280MM	352	275
315MM	393	303
355MM	440	318
400MM	494	330
500MM	620	405

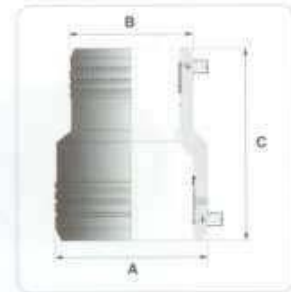
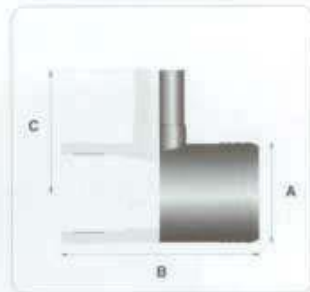
Dimensional Table mm

DIMENSION SIZE	A	B
25MM	39	98
32MM	48	110
40MM	56	120
50MM	66	138
63MM	86	180
90MM	117	230
110MM	143	255
125MM	157	269
160MM	200	315
180MM	227	349
200MM	252	384

Dimensional Table mm

DIMENSION SIZE	A	B
25MM	39	60
32MM	47	64
40MM	56	70
50MM	66	80
63MM	87	103
90MM	116	132
110MM	142	151
125MM	158	165
160MM	205	199
180MM	227	210
200MM	252	230

Electro Fusion Tee and Reducer



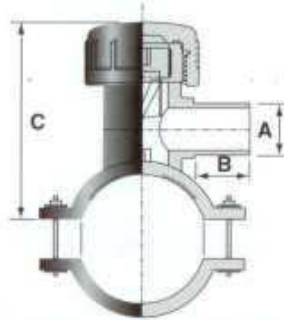
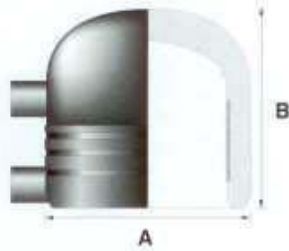
Dimensional Table mm

SIZE	DIMENSION	A	B	C
25 × 25MM		39	108	70
25 × 20MM		39	108	76
32 × 32MM		47	120	85
32 × 25MM		47	120	80
32 × 20MM		47	120	75
40 × 40MM		58	140	96
40 × 32MM		58	140	90
40 × 25MM		58	140	87
40 × 20MM		58	140	82
50 × 50MM		67	160	105
50 × 40MM		67	160	100
50 × 32MM		67	160	96
50 × 25MM		67	160	92
50 × 20MM		67	160	90
63 × 63MM		87	180	113
63 × 50MM		87	180	108
63 × 40MM		87	180	100
63 × 32MM		87	180	97
63 × 25MM		87	180	96
63 × 20MM		87	180	92
75 × 75MM		100	220	137
90 × 90MM		118	225	155
90 × 75MM		118	225	142
90 × 63MM		118	225	137
90 × 50MM		118	225	132
90 × 40MM		118	225	128
90 × 32MM		118	225	124
110 × 110MM		145	280	180
110 × 90MM		145	280	175
110 × 75MM		145	280	170
110 × 63MM		145	280	160
110 × 50MM		145	280	153
110 × 40MM		145	280	147
125 × 125MM		157	310	190
125 × 63MM		157	310	175
160 × 160MM		205	389	237
160 × 140MM		205	389	230
160 × 125MM		205	389	230
160 × 110MM		205	389	225
160 × 90MM		205	389	220
180 × 180MM		227	380	250
200 × 200MM		253	480	286
200 × 180MM		253	480	273
200 × 160MM		253	480	270
200 × 140MM		253	480	265
200 × 125MM		253	480	260
200 × 110MM		253	480	258
200 × 90MM		253	480	252

Dimensional Table mm

SIZE	DIMENSION	A	B	C
32 × 25MM		47	39	88
32 × 20MM		47	33	90
40 × 32MM		57	47	94
40 × 25MM		57	39	95
40 × 20MM		57	33	90
50 × 40MM		67	58	115
50 × 32MM		67	47	110
50 × 25MM		67	39	105
50 × 20MM		67	33	103
63 × 50MM		87	67	115
63 × 40MM		87	58	130
63 × 32MM		87	47	116
63 × 20MM		87	33	117
90 × 75MM		116	101	147
90 × 63MM		116	88	140
90 × 40MM		116	58	145
90 × 32MM		116	47	140
110 × 90MM		141	116	156
110 × 75MM		141	101	158
110 × 63MM		141	88	161
110 × 50MM		141	67	157
110 × 40MM		141	58	155
125 × 110MM		157	140	180
125 × 90MM		157	117	175
125 × 63MM		157	88	170
160 × 110MM		204	140	195
160 × 90MM		204	117	210
180 × 160MM		227	200	230
200 × 180MM		252	227	247
200 × 160MM		252	200	235
200 × 110MM		252	143	246
200 × 90MM		252	117	241

Electro Fusion Endcap and Tapping Tee



Dimensional Table

mm

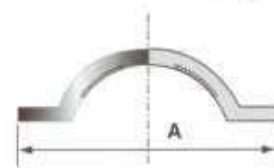
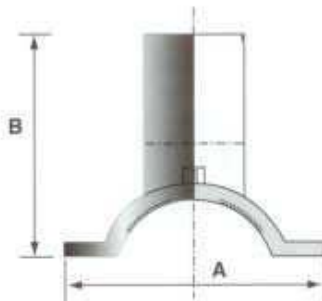
SIZE	DIMENSION	
	A	B
25MM	39	60
32MM	48	66
40MM	57	68
50MM	66	80
63MM	87	86
90MM	117	112
110MM	141	130
140MM	175	150
160MM	203	165
200MM	250	200

Dimensional Table

mm

SIZE	DIMENSION		
	A	B	C
40×20MM	20	40	110
63×40MM	40	60	145
63×32MM	32	60	145
63×25MM	25	50	145
63×20MM	20	45	145
90×63MM	63	80	150
90×50MM	50	70	150
90×40MM	40	60	150
90×32MM	32	60	150
110×63MM	63	80	189
110×50MM	50	70	150
110×40MM	40	60	150
110×32MM	32	60	150
110×20MM	20	45	150
160×63MM	63	80	160
160×50MM	50	70	160
160×40MM	40	60	160
160×32MM	32	60	160
200×63MM	63	80	214
200×50MM	50	70	214
225×63MM	63	80	216
225×50MM	50	70	216
250×63MM	63	80	219
315×63MM	63	80	239

Electro Fusion Branch Saddle and Repair Saddle



Dimensional Table

mm

DIMENSION SIZE	A	B
63 × 40MM	116	110
63 × 32MM	116	105
63 × 25MM	116	105
63 × 20MM	116	100
90 × 63MM	147	122
90 × 50MM	147	130
90 × 40MM	147	120
90 × 32MM	147	123
110 × 63MM	163	122
110 × 50MM	163	130
110 × 40MM	163	120
110 × 32MM	200	115
160 × 63MM	200	128
160 × 50MM	200	130
160 × 40MM	200	120
160 × 32MM	200	115
200 × 90MM	240	170
200 × 63MM	240	143
200 × 50MM	240	156
225 × 63MM	284	162
225 × 50MM	284	162
250 × 90MM	289	185
250 × 63MM	289	177
315 × 63MM	349	187

* Under clamp type

Dimensional Table

mm

DIMENSION SIZE	A
63MM	120
90MM	149
110MM	163
160MM	200
200MM	240
250MM	289
315MM	353

* Under clamp type

WHY SANGIR?

- 30 years experience in the Plastics Industry
- ISO 9001: 2000 certification, ISO 14001:2004 recommended
- Vendor to all major business groups in the country.
- Products Certified by major testing agencies like
- AKPG, Bureau Veritas, CIPET, MECON, TOYO Engg, CMPDI, etc.
- Known for quality, commitment and customer satisfaction.

Other products

- Pipes – PE, MDPE, PVDF, PPH, PPR, HIPS, ABS
- Butt Fusion Moulded Fittings
- Spigot End Fittings
- Electrofusion Machine
- Compression Fittings
- Spanners
- Metal Flanges
- Welding Machines etc.



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

Contact us:

SANGIR PLASTICS P LTD

SANGIR HOUSE - 366/2933, Motilal Nagar-II, Link Road, Mumbai – 400 062, INDIA

T: +91 22 28724023 F: +91 22 28741794 E: info@sangir.in ; sangir@vsnl.com W: www.sangir.in ; www.pvdf.in

