



# **BRYANSKFIT POLYFUSION**

## **Каталог электросварные фитинги**

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superpnd@yandex.ru  
+7 915 533-50-40**



## СВАРКА И РЕМОНТ ПОЛИЭТИЛЕНОВЫХ ТРУБ В БРЯНСКЕ

Фабрика BRYANSKFIT и POLYFUSION была основана в 2010 году и специализируется на профессиональном производстве газовых и водяных полиэтиленовых (ПЭ) электромuffтовых фитингов, фитингов для стыковой сварки и фитингов для раструбной сварки. Расположен в городе Циндао, провинция Шаньдун. Компания имеет десятки машин для литья под давлением; 4 комплекта автоматизации производства электрофузионных фитингов. Годовая производственная мощность до 200 000 тонн.



Компания обладает комплексными методами обнаружения со всеми видами передового оборудования обнаружения, чтобы обеспечить контроль качества во всех процессах от сырья до готовой продукции. Электромuffтовые фитинги, производимые компанией, проходят испытания в Национальном центре испытаний химических строительных материалов, все эксплуатационные показатели соответствуют стандартам GB15558.2/EN1555. Он также прошел международную сертификацию системы качества ISO9001-2008, сертификацию системы экологического менеджмента ISO14001, сертификацию системы управления охраной труда и промышленной безопасностью OHSMS18001, сертификацию CE сертификационной компании NOVA. Качество продукции гарантировано.





# СВАРКА И РЕМОНТ ПОЛИЭТИЛЕНОВЫХ ТРУБ В БРЯНСКЕ

ISO9001



## QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 04616Q12487R2M

We hereby certify that the organization:

**QINGDAO POLYFUSION MACHINERY CO.,LTD.**

Unified social credit code: 91370214MA3Q044D9Q

is in conformity with Quality Management System Standard:  
GB/T19001-2016 / ISO9001:2015

The certificate is valid to the following product(s)/service:  
Design and Production A1 Grade Buried HDPE Electric Melting Pipe Fittings and HDPE Hot-melt Pipe Fittings for Gas, A Grade Buried HDPE Ball Valve for Gas, HDPE Bearing Pipe Fittings and Hot-melt Pipe Fittings for Water Supply

Registration Address/ Physical Address: RM102, Entrance 3 Building 4, Jiazhaoye shuianxindu, No.358, Wangsha Road, Chengyang District, Qingdao, Shandong

Date of Issue: 2016-07-22  
Date of Reissue: 2019-07-25  
Date of Expiry: 2022-07-21

Issued By



中国认可  
国际互认  
管理体系  
认证体系  
MANAGEMENT SYSTEM  
CERTIFICATION  
CNAS C046-M



The effectiveness of the Certificate is subject to QR Code in the lower left corner. Meanwhile, you can search the website of certification body: www.hicchina.com.cn, or search the CNCA website: www.cnca.gov.cn.

Beijing Head International Certification Co., Ltd.

Address: Room 1601, Building 5, No. 19, Baiyuan East Road, Chaoyang District, Beijing, P. R. China (100017)

ISO14001



## ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 04617E10462R1M

We hereby certify that the organization:

**QINGDAO POLYFUSION MACHINERY CO.,LTD.**

Unified social credit code: 91370214MA3Q044D9Q

is in conformity with Environmental Management System Standard:  
GB/T24001-2016 / ISO14001:2015

The certificate is valid to the following product(s)/service:  
Design, Production and Related Management Activities of A1 Grade Buried Polyethylene Electric Melting Pipe Fittings and Hot Melt Pipe Fittings for Gas, Buried Polyethylene Ball Valve for Grade A Gas, Polyethylene Socket Fittings and Hot Melt Pipe Fittings for Water Supply

Registration Address/ Physical Address: RM102, Entrance 3 Building 4, Jiazhaoye shuianxindu, No.358, Wangsha Road, Chengyang District, Qingdao, Shandong

Date of Issue: 2017-06-02  
Date of Reissue: 2019-04-13  
Date of Expiry: 2022-06-01

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The effectiveness of the Certificate is subject to QR Code in the lower left corner. Meanwhile, you can search the website of certification body: www.hicchina.com.cn, or search the CNCA website: www.cnca.gov.cn.

Beijing Head International Certification Co., Ltd.

Address: Room 1601, Building 5, No. 19, Baiyuan East Road, Chaoyang District, Beijing, P. R. China (100017)

OHSAS18001



## OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 17S1043R1M

We hereby certify that the organization:

**QINGDAO POLYFUSION MACHINERY CO.,LTD.**

Unified social credit code: 91370214MA3Q044D9Q

is in conformity with Occupational Health Safety Management System Standard: GB/T28001-2011 idt OHSAS18001:2007

The certificate is valid to the following product(s)/service:  
Design, Production and Related Management Activities of A1 Grade Buried Polyethylene Electric Melting Pipe Fittings and Hot Melt Pipe Fittings for Gas, (A) Buried HDPE Ball Valve for Gas, Mechanical Fittings for HDPE Piping Systems for Gas, HDPE Socket Fusion Pipe Fittings for Water Supply, HDPE Butt Fusion Pipe Fittings for Water Supply, HDPE Electrofusion Pipe Fittings for Water Supply

Registration Address/ Actual Geographic Address: RM102, Entrance 3 Building 4, Jiazhaoyeshuianxindu, No.358, Wangsha Road, Chengyang District, Qingdao, Shandong

Date of Issue: 2017-05-02  
Date of Expiry: 2022-05-01  
Date of Initial Issue: 2014-05-05

Issued By



The effectiveness of the Certificate is subject to QR Code in the lower left corner. Meanwhile, you can search the website of certification body: www.hicchina.com.cn, or search the CNCA website: www.cnca.gov.cn.

Beijing Head International Certification Co., Ltd.

Address: Room 1601, Building 5, No. 19, Baiyuan East Rd, Chaoyang District, Beijing, P. R. China (100017)

ISO45001



## OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 04620S10125R2M

We hereby certify that the organization:

**QINGDAO POLYFUSION MACHINERY CO., LTD.**

Unified social credit code: 91330281728102202G

is in conformity with Occupational Health Safety Management System Standard: GB/T45001-2020 / ISO45001:2018

The certificate is valid to the following product(s)/service:  
Design, production and Related Management Activities of (A1) Buried HDPE Electrofusion Pipe Fittings and HDPE Butt Fusion Pipe Fittings for Gas, (A) Buried HDPE Ball Valve for Gas, Mechanical Fittings for HDPE Piping Systems for Gas, HDPE Socket Fusion Pipe Fittings for Water Supply, HDPE Butt Fusion Pipe Fittings for Water Supply, HDPE Electrofusion Pipe Fittings for Water Supply

Registration Address/ Physical Address: RM 102, Entrance 3 Building 4, Jiazhaoye shuianxindu, No.358, Wangsha Road, Chengyang District, Qingdao, Shandong

Date of Issue: 2020-04-13  
Date of Expiry: 2023-04-12  
Date of Initial Issue: 2014-05-05

Issued By



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MANAGEMENT SYSTEM  
CERTIFICATION  
CNAS C046-M



The effectiveness of the Certificate is subject to QR Code in the lower left corner. Meanwhile, you can search the website of certification body: www.hicchina.com.cn, or search the CNCA website: www.cnca.gov.cn.

Beijing Head International Certification Co., Ltd.

Address: Room 1601, Building 5, No. 19, Baiyuan East Road, Chaoyang District, Beijing, P. R. China (100017)



# СВАРКА И РЕМОНТ ПОЛИЭТИЛЕНОВЫХ ТРУБ В БРЯНСКЕ

Certificate - Сертификат - 證明書 - Certificat - 증명서 - 證明書

## Certificate of Compliance

No. DD171128.HCPTN45  
Technical Construction File no. HCP-17001124

**Certificate's Holder:** QINGDAO POLYFUSION MACHINERY CO.,LTD.  
Taohuvillage, Puyangtown, Xiaoshan District, Hangzhou City, Zhejiang Provine, China

**Certification ECM Mark:**

**Product:** HDPE pipe fitting  
**Model(s):** Socket /butt /electrofusion, Tee DN20--DN1000, Elbow DN20--DN1000, Coupler DN20--DN1000, Stub end DN20--DN1000, End cap DN20--DN1000, Reducer DN20--DN1000

**Verification to:** Standard: ISO 4427-1:2007, ISO 4427-3:2007  
related to CE Directive(s): R 305/2011 (Regulation for the Marketing of Construction Products)

**Remark:** The product(s) has been verified on a voluntary basis, the product(s) satisfies the requirements of the Certification Mark of ECM. In reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at [www.entecerma.it](http://www.entecerma.it). This Certificate of Compliance can be checked for validity at [www.entecerma.it](http://www.entecerma.it). This verification doesn't imply assessment of the production of the product(s).

**Additional information, clarification about the CE Marking:** We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is Responsible to start the CE Marking Certification Procedure through an appointed Notified Body and perform all the necessary activities, as required by the Directive and accepted by the Notified Body, before placing the CE Mark on the product(s).

**CE**

Date of Issue: 28 November 2017 Expiry date: 27 November 2022

Chief Manager:   
Deputy Manager:

Ente Certificazione Macchine Srl  
Via Cor' Bella, 243 - Loc. Cabriolo di Serravalle - 42053 Valsamoggia (BO) - ITALY  
☎ +39 051 4705141 ☎ +39 051 4705156 ✉ info@entecerma.it 🌐 www.entecerma.it



## National Test Center of Polymer & Building Materials

Address: No. 14, Beisanhuandongle, Chaoyang District, Beijing, China Post Code: 100013  
Tel: +86(0)1064208747, +86(0)1064208694, +86(0)1064224642, +86(0)1059262479  
Fax: +86(0)1059202784, +86(0)1084298301 Web site: [www.plasticstest.net](http://www.plasticstest.net)

No.2020(G)03093

CUSTOMER: Qingdao Polyfusion Machinery Co., Ltd.

### SAMPLES FOR TESTING

Name: PE electrofusion fittings

Manufacturer: Qingdao Polyfusion Machinery Co., Ltd.

Appearance: Black

Grade: d<sub>110</sub>

Grade: PE100

Brand: Polyfusion

DATE OF RECEIPT: 2019-11-19

ISSUE DATE: 2020-03-12

THIS REPORT COMPRISES 2 PAGES.

DIRECTOR:

CHECK:

Page 1 of 2

# NOA

## QUALITY MANAGEMENT SYSTEM CERTIFICATE

This is to Certify that the QUALITY MANAGEMENT SYSTEM of  
**Qingdao Polyfusion Machinery Co.,Ltd.**

Registered Address: No.358,Wangsha Road,Chengyang District,Qingdao,Shandong  
Adult Address: No.358,Wangsha Road,Chengyang District,Qingdao,Shandong

has been assessed by NOA Certification and found to comply with  
**GB/T19001-2016 idt ISO9001:2015**  
for the scope of

Manufacturing and sales of general-purpose equipment (plastic pipe welding equipment)

Certificate Number: NOA1997138  
Unified Social Credit Code: 91370214MA3Q044D9Q  
Certificate Issue Date: 29 Oct. 2019  
Certificate Valid Until: 27 Oct. 2022

Certification Manager

ANAB  
IAF

Date of Initial Certification: 29 Oct. 2019 Expiry Date of Certification: 27 Oct. 2022

Important note: If the certified organization involves multiple sites, including temporary sites and fixed sites, such as a branch office, sales office and store, please refer to the addressees listed in the audit report, which are not listed in 1. the audit report. The location is not within the scope of the organization's certification.

This certificate is issued by NOA testing & certification, the certificate holder shall accept surveillance audit by NOA and the certificate shall be renewed by NOA prior to its expiry date as required.

NOA Certification Service

# CERTIFICATE

## ATTESTATION CERTIFICATE OF MACHINERY AND ELECTROMAGNETIC COMPATIBILITY DIRECTIVES

Technical file of the company mentioned below has been observed  
2006/42/EC Machinery Directive and 2014/30/EU Electromagnetic Compatibility Directive  
have been taken as references for these processes

Company Name : **Qingdao Polyfusion Machinery Co., Ltd.**

Company Address : RM 102, Entrance 3 Building 4, Jiathaoyeshuonanxindu, No.358, Wangsha Road, Chengyang District, Qingdao, Shandong Province, China

Related Directives and Annex : **2006/42/EC Machinery Directive 2014/30/EU Electromagnetic Compatibility Directive**

Related Standards : **EN ISO 12100:2010 EN 60204-1:2006/AC:2010 EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011+AC:2012**

Product Name : **Hdpe Butt Fusion Welding Machine**

Report No and Date : **CE-QPMC816-MDEMC**

Product Brand/Model/Type : **PFY160, PFY200, PFY250, PFT160, PFT200, PFW160, PFW200, PFW250, PFI160, PFI200, PFI250, PF315, PF350, PF400, PF450, PF600, PF650, PF800, PFI1000, PFI1200, PFI1400, PFI1600, PFI1800, PFI2000, PFI2500, PFI3000**

Certificate Number : **M.2019.206.C2448**

Initial Assessment Date : 20.08.2019

Registration Date : 21.08.2019

Reissue Date/No : -

Expiry Date : **20.08.2024**

The validity of the certificate can be checked through [www.udem.com.tr](http://www.udem.com.tr). The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. The certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 10 years from the registration of certificate. The certificate only covers the product(s) listed above and UDEM must be notified in case of any changes on the product(s).

Address: Mülkiyet Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TÜRKİYE  
Phone: +90 312 443 03 90 Fax: +90 312 443 03 76  
E-mail: [info@udemtd.com.tr](mailto:info@udemtd.com.tr) [www.udem.com.tr](http://www.udem.com.tr)

STRAIGHT COUPLING



dn	L	D	Φ d
25	95	43	4.7
32	95	44	4.7
40	95	45	4.7
50	105	62	4.7
63	110	79	4.7
75	118	92	4.7
90	127	107	4.7
110	142	135	4.7
125	150	152	4.7
140	170	80	4.7
160	167	190	4.7
200	190	237	4.7
225	205	267	4.7
250	210	297	4.7
315	250	373	4.7
355	250	422	4.7
400	275	479	4.7
500	370	592	4.7
560	380	185	4.7
630	420	205	4.7

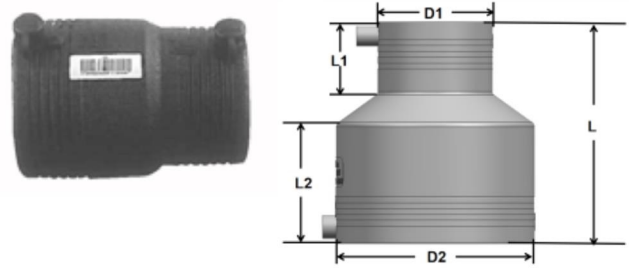
END CAP



Size Φ dn x 90°	L	A	Φ d
50x50x50	70	55	4.7
75x75x75	85	55	4.7
110x110x110	105	70	4.7
160x160x160	170	140	4.7

## PE Electrofusion Fittings

### REDUCER



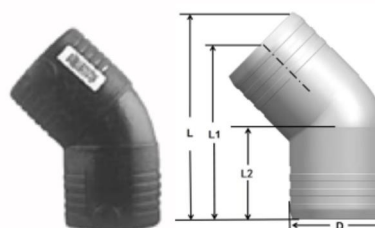
Size $\Phi$ dn x $\Phi$ dn1	L	L1	L2	$\Phi$ d
32x25	94	42	40	4.7
40x25	100	50	40	4.7
50x32	100	55	40	4.7
50x40	100	50	50	4.7
63x32	120	60	40	4.7
63x40	120	55	40	4.7
63x50	115	46	60	4.7
75x40	120	65	50	4.7
75x50	120	65	50	4.7
75x63	125	52	60	4.7
90x50	140	65	55	4.7
90x63	135	55	65	4.7
90x75	135	55	65	4.7
110x50	150	50	80	4.7
110x63	145	50	75	4.7
110x75	145	50	75	4.7
110x90	145	57	75	4.7
125x75	160	80	60	4.7
125x90	160	80	70	4.7
125x110	165	85	69	4.7
140x110	165	85	69	4.7
160x50	195	94	74	4.7
160x63	195	94	74	4.7
160x75	195	94	74	4.7
160x90	175	52	90	4.7
160x110	110	60	90	4.7
160x125	195	95	75	4.7
200x50	210	95	80	4.7
200x63	210	95	85	4.7
200x75	210	95	80	4.7
200x90	210	95	85	4.7
200x110	200	55	105	4.7
200x160	200	70	105	4.7
225x110	220	100	80	4.7
225x160	220	110	90	4.7
250x110	225	60	120	4.7
250x160	225	80	120	4.7
250x200	225	85	120	4.7
315x160	265	90	130	4.7
315x200	240	100	100	4.7
315x250	265	100	130	4.7

## ELBOW 90°



Size $\Phi$ dn x 90°	L	L2	$\Phi$ d
25 x 90°	85	42	4.7
32 x 90°	94	45	4.7
40 x 90°	95	50	4.7
50 x 90°	111	49	4.7
63 x 90°	135	56	4.7
75 x 90°	146	54	4.7
90 x 90°	159	52	4.7
110 x 90°	183	48	4.7
125 x 90°	216	64	4.7
160 x 90°	257	63	4.7
180 x 90°	295	85	4.7
200 x 90°	315	76	4.7
250 x 90°	380	81	4.7
315 x 90°	475	100	4.7
400 x 90°	590	140	4.7
500 x 90°	710	178	4.7

## ELBOW 45°



Size $\Phi$ dn x 45°	L	L2	$\Phi$ d
50 x 45°	135	67.5	4.7
63 x 45°	155	77.5	4.7
90 x 45°	185	92.5	4.7
100 x 45°	250	70	4.7
110 x 45°	210	105	4.7
160 x 45°	270	135	4.7
200 x 45°	325	162.5	4.7
225 x 45°	355	177.5	4.7
250 x 45°	380	190	4.7
315 x 45°	465	232.5	4.7
400 x 45°	580	140	4.7

REDUCING TEE



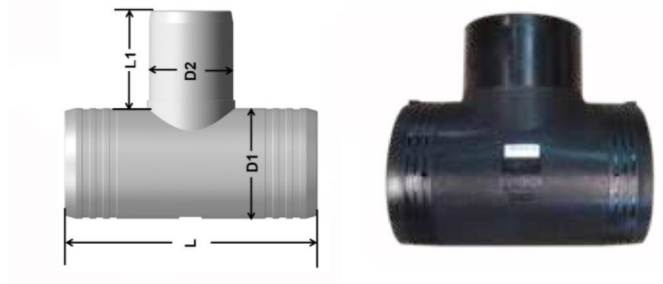
Size Φ dn x Φ dn1 x dn	L	L1	D1	D2
25x20x25	105	45	50	
32x20x32	120	45	50	
32x25x32	120	45	50	
40x25x40	125	45	55	
40x32x40	125	45	55	
50x25x50	145	50	50	
50x32x50	145	50	55	
50x40x50	145	60	62	40.3
63x25x63	130	50	55	
63x32x63	135	50	55	
63x40x63	165	70	79	40.3
63x50x63	165	70	79	50.3
75x32x75	195	70	70	
75x40x75	195	70	70	
75x50x75	180	75	92	50.3
75x63x75	180	70	92	63.3
90x32x90	210	70	80	
90x40x90	210	70	80	
90x50x90	200	75	110	50.3
90x63x90	200	75	110	63.3
90x75x90	200	80	110	75.3
110x32x100	205	80	135	32.5
110x40x110	205	80	135	40.3
110x50x110	205	80	135	50.3
110x63x110	205	80	135	63.3
110x75x110	205	80	135	75.3
110x90x110	205	85	135	90.3
125x90x125	255	80	85	
125x110x125	250	90	148	110.3
160x63x160	255	80	194	63.6

Size Φ dn x Φ dn1 x dn	L	L1	D1	D2
160x75x160	255	80	194	75.3
160x90x160	255	105	194	90.3
160x110x160	255	105	194	110.3
160x125x160	305	90	75	125.3
200x90x200	280	80	239	90.3
200x110x200	280	105	238	110.3
200x160x200	280	120	239	160.3
250x110x250	300	105	297	110.3
250x160x250	300	120	297	160.3
250x200x250	300	130	297	130.3
315x200x315	410	130	352	200.3
315x250x315	410	150	352	250.3
400x110x400	600	125	115	
400x160x400	600	125	115	
400x200x400	600	125	115	
400x250x400	600	125	115	
90x75x90	200	80	110	
110x32x100	205	80	135	32.3
110x40x110	205	80	135	40.3
110x50x110	205	80	135	50.3
110x63x110	205	80	135	63.3
110x75x110	205	80	135	75.3
400x315x400	600	125	115	
500x110x500	700	140	130	
500x160x500	700	140	130	
500x200x500	700	140	130	
500x250x500	700	140	130	
500x315x500	700	140	130	
500x400x500	700	140	130	
500x450x500	700	140	130	



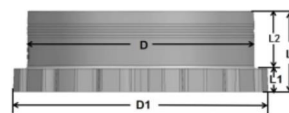
## PE Electrofusion Fittings

### TEE



Size $\Phi$ dn x $\Phi$ dn1 x dn	L	L1	D1	D2
20x20x20	100	40	40	
25x25x25	105	45	50	
32x32x32	120	45	55	
40x40x40	125	45	60	
50x50x50	145	75	62	50.3
63x63x63	165	75	79	63.3
75x75x75	180	75	92	75.3
90x90x90	205	90	107	90.3
110x110x110	230	103	135	110.3
125x125x125	250	110	152	125.3
160x160x160	300	120	194	160.3
180x180x180	340	98	100	
200x200x200	355	125	239	200.3
250x250x250	410	157	299	250.3
315x315x315	505	152	375	315.3
400x400x400	600	125	115	
500x500x500	700	140	130	

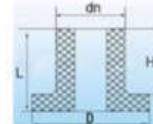
### FLANGE



dn	D1	L	L2
50	82	75	55
63	90	75	55
75	120	75	55
90	132	85	60
110	160	105	80
125	175	113	85
140	189	102	
160	225	120	90
180	213	114	
200	275	130	95
225	295	120	85
250	327	150	115
315	430	160	120
355	460	145	105
400	510	150	110
450	577	60	
500	577	60	
560	678	44	
630	782	35	

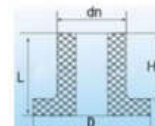
# HDPE fittings catalog

## HDPE STUB FLANGE



SIZE	D	dn	L	H	SDR17	SDR13.6	SDR11
63	86	63	85	73			√
75	98	75	88	74			√
90	120	90	95	78			√
110	145	110	105	86			√
125	158	125	105	83		√	√
140	172	140	106	86		√	√
160	200	160	113	91		√	√
180	212	180	118	95		√	√
200	255	200	125	100		√	√
225	266	225	138	115			√
250	300	250	148	120		√	√
280	320	280	143	110		√	
315	365	315	148	120		√	√

## HDPE STUB FLANGE



SIZE	D	dn	L	H	SDR17	SDR13.6	SDR11
355	410	355	160	140		√	√
400	463	400	173	138	√		√
450	525	450	194	153	√		√
500	570	500	188	145	√		√
560	628	560	185	145	√		√
630	685	630	185	145	√		√
710	784	710	220	165	√		
800	890	800	222	165	√		
900	1000	900	198	140	√		
1000	1100	1000	260	200	√		
1200	1300	1200	300	225	√		

## HDPE ELBOW 45°



SIZE	D	L	SDR17	SDR13.6	SDR11
63	63	75			√
75	75	90			√
90	90	100			√
110	110	115			√
125	125	115		√	√
140	140	95		√	√
160	160	110		√	√
180	180	125		√	√
200	200	140		√	√
225	225	155		√	√
250	250	165		√	√
280	280	175		√	√
315	315	185		√	√

## HDPE ELBOW 45°



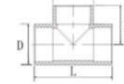
SIZE	D	L	SDR17	SDR13.6	SDR11
355	355	180		√	√
400	400	195	√		√
450	450	220	√		√
500	500	230	√		
560	560	230	√		
630	630	270	√		
710	710	300	√		
800	800	330	√		

## HDPE ELBOW 90°



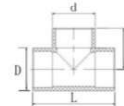
SIZE	D	L	SDR17	SDR13.6	SDR11
63	63	85			√
75	75	108			√
90	90	120			√
110	110	135		√	√
125	125	140		√	√
140	140	155		√	√
160	160	170		√	√
180	180	190		√	√
200	200	200		√	√
225	225	210		√	√
250	250	230		√	√
280	280	240		√	√
315	315	270		√	√

## HDPE ELBOW EQUAL TEE



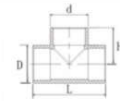
SIZE	D	L	SDR17	SDR13.6	SDR11
63	63	202			√
75	75	230			√
90	90	238			√
110	110	280		√	√
125	125	295		√	√
140	140	330		√	√
160	160	328		√	√
180	180	390		√	√
200	200	380		√	√
225	225	435		√	√
250	250	480		√	√
280	280	540		√	√
315	315	555		√	√

## HDPE ELBOW EQUAL TEE



SIZE	D	L	SDR17	SDR13.6	SDR11
355	355	565	√		√
400	400	640	√		√
450	450	710	√		
500	500	755	√		
560	560	860	√		
630	630	945	√		
710	710	1140	√		
800	800	1245	√		

## HDPE ELBOW REDUCING TEE



SIZE	D	d	L	SDR17	SDR13.6	SDR11	SIZE	D	d	L	SDR17	SDR13.6	SDR11
75x50	75	50	230			√	140x63	140	63	330		√	√
75x63	75	63	230			√	140x75	140	75	330		√	√
90x50	90	50	220		√	√	140x90	140	90	330		√	√
90x63	90	63	220		√	√	140x110	140	110	330		√	√
90x75	90	75	235		√	√	140x125	140	125	330		√	√
110x50	110	50	220		√	√	160x50	160	50	230		√	√
110x63	110	63	255		√	√	160x63	160	63	240		√	√
110x75	110	75	254		√	√	160x75	160	75	250		√	√
110x90	110	90	260		√	√	160x90	160	90	265		√	√
125x63	125	63	260		√	√	160x110	160	110	278		√	√
125x75	125	75	240		√	√	160x125	160	125	290		√	√
125x90	125	90	295		√	√	180x90	180	90	390		√	√
125x110	125	110	295		√	√	180x110	180	110	390		√	√

## HDPE ELBOW REDUCING TEE



SIZE	D	d	L	SDR17	SDR13.6	SDR11	SIZE	D	d	L	SDR17	SDR13.6	SDR11
180x125	180	125	390			√	225x110	225	110	320		√	√
180x160	180	160	390		√	√	225x160	225	160	435		√	√
200x63	200	63	250		√	√	225x200	225	200	435		√	√
200x75	200	75	260		√	√	250x63	250	63	420		√	√
200x90	200	90	278		√	√	250x75	250	75	410		√	√
200x110	200	110	295		√	√	250x90	250	90	360		√	√
200x125	200	125	345		√	√	250x110	250	110	390		√	√
200x140	200	140	360			√	250x160	250	160	390		√	√
200x160	200	160	345		√	√	250x200	250	200	480		√	√
200x180	200	180	380		√	√	250x225	250	225	480			√
225x63	225	63	400		√	√	280x110	280	110	533		√	√
225x75	225	75	365		√	√	280x160	280	160	570		√	√
225x90	225	90	320		√	√	280x200	280	200	533		√	√

## HDPE ELBOW REDUCING TEE



SIZE	D	d	L	SDR17	SDR13.6	SDR11	SIZE	D	d	L	SDR17	SDR13.6	SDR11
280x250	280	250	533			√	355x315	355	315	565	√		√
315x63	315	63	370		√	√	400x110	400	110	410	√		√
315x75	315	75	370		√	√	400x160	400	160	440	√		√
315x90	315	90	390		√	√	400x200	400	200	440	√		√
315x110	315	110	400		√	√	400x250	400	250	475	√		√
315x125	315	125	480			√	400x315	400	315	540	√		√
315x160	315	160	400		√	√	450x110	450	110	360	√		
315x200	315	200	430		√	√	450x160	450	160	464	√		
315x250	315	250	480		√	√	450x200	450	200	464	√		
355x110	355	110	410	√		√	450x225	450	225	545	√		
355x160	355	160	410	√		√	450x250	450	250	545	√		
355x200	355	200	410	√		√	450x315	450	315	600	√		
355x250	355	250	660	√		√	450x400	450	400	670	√		

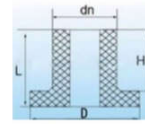
## HDPE ELBOW REDUCING TEE



SIZE	D	d	L	SDR17	SDR13.6	SDR11	SIZE	D	d	L	SDR17	SDR13.6	SDR11
500x110	500	110	398	√			560x400	560	400	605	√		
500x160	500	160	495	√			560x450	560	450	720	√		
500x200	500	200	495	√			560x500	560	500	825	√		
500x225	500	225	545	√			630x110	630	110	825	√		
500x250	500	250	545	√			630x160	630	160	475	√		
500x315	500	315	635	√			630x200	630	200	475	√		
500x400	500	400	705	√			630x250	630	250	555	√		
500x450	500	450	800	√			630x315	630	315	555	√		
560x110	560	110	410	√			630x400	630	400	665	√		
560x160	560	160	450	√			630x450	630	450	725	√		
560x200	560	200	508	√			630x500	630	500	808	√		
560x250	560	250	545	√			710x110	710	110	808	√		
560x315	560	315	545	√			710x160	710	160	530	√		

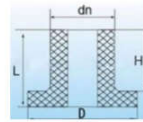


## HDPE STUB FLANGE



SIZE	D	dn	L	H	SDR17	SDR13.6	SDR11
63	86	63	85	73			√
75	98	75	88	74			√
90	120	90	95	78			√
110	145	110	105	86			√
125	158	125	105	83		√	√
140	172	140	106	86		√	√
160	200	160	113	91		√	√
180	212	180	118	95		√	√
200	255	200	125	100		√	√
225	266	225	138	115			√
250	300	250	148	120		√	√
280	320	280	143	110		√	
315	365	315	148	120		√	√

## HDPE STUB FLANGE



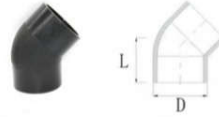
SIZE	D	dn	L	H	SDR17	SDR13.6	SDR11
355	410	355	160	140		√	√
400	463	400	173	138	√		√
450	525	450	194	153	√		√
500	570	500	188	145	√		√
560	628	560	185	145	√		√
630	685	630	185	145	√		√
710	784	710	220	165	√		
800	890	800	222	165	√		
900	1000	900	198	140	√		
1000	1100	1000	260	200	√		
1200	1300	1200	300	225	√		

## HDPE ELBOW 45°



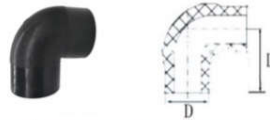
SIZE	D	L	SDR17	SDR13.6	SDR11
63	63	75			√
75	75	90			√
90	90	100			√
110	110	115			√
125	125	115		√	√
140	140	95		√	√
160	160	110		√	√
180	180	125		√	√
200	200	140		√	√
225	225	155		√	√
250	250	165		√	√
280	280	175		√	√
315	315	185		√	√

## HDPE ELBOW 45°



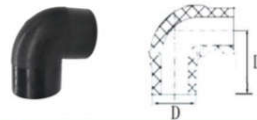
SIZE	D	L	SDR17	SDR13.6	SDR11
355	355	180		√	√
400	400	195	√		√
450	450	220	√		√
500	500	230	√		
560	560	230	√		
630	630	270	√		
710	710	300	√		
800	800	330	√		

## HDPE ELBOW 90°



SIZE	D	L	SDR17	SDR13.6	SDR11
63	63	85			√
75	75	108			√
90	90	120			√
110	110	135		√	√
125	125	140		√	√
140	140	155		√	√
160	160	170		√	√
180	180	190		√	√
200	200	200		√	√
225	225	210		√	√
250	250	230		√	√
280	280	240		√	√
315	315	270		√	√

## HDPE ELBOW 90°



SIZE	D	L	SDR17	SDR13.6	SDR11
355	355	278	√		√
400	400	315	√		√
450	450	355	√		
500	500	370	√		
560	560	410	√		
630	630	435	√		
710	710	495	√		
800	800	590	√		



## HDPE ELBOW 22.5°



SIZE	D	L	SDR17	SDR13.6	SDR11
110	110	75		√	√
125	125	100		√	√
140	140	105		√	√
160	160	95		√	√
180	180	120		√	√
200	200	105		√	√
225	225	140		√	√
250	250	140		√	√
280	280	170		√	√
315	315	125		√	√
355	355	185	√		√
400	400	195	√		√
450	450	225	√		

## HDPE ELBOW 22.5°



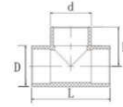
SIZE	D	L	SDR17	SDR13.6	SDR11
500	110	240	√		
560	125	260	√		
630	140	280	√		
710	160	345	√		
800	180	360	√		

## HDPE ELBOW EQUAL TEE



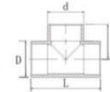
SIZE	D	L	SDR17	SDR13.6	SDR11
63	63	202			√
75	75	230			√
90	90	238			√
110	110	280		√	√
125	125	295		√	√
140	140	330		√	√
160	160	328		√	√
180	180	390		√	√
200	200	380		√	√
225	225	435		√	√
250	250	480		√	√
280	280	540		√	√
315	315	555		√	√

## HDPE ELBOW EQUAL TEE



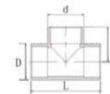
SIZE	D	L	SDR17	SDR13.6	SDR11
355	355	565	√		√
400	400	640	√		√
450	450	710	√		
500	500	755	√		
560	560	860	√		
630	630	945	√		
710	710	1140	√		
800	800	1245	√		

## HDPE ELBOW REDUCING TEE



SIZE	D	d	L	SDR17	SDR13.6	SDR11	SIZE	D	d	L	SDR17	SDR13.6	SDR11
75x50	75	50	230			√	140x63	140	63	330		√	√
75x63	75	63	230			√	140x75	140	75	330		√	√
90x50	90	50	220		√	√	140x90	140	90	330		√	√
90x63	90	63	220		√	√	140x110	140	110	330		√	√
90x75	90	75	235		√	√	140x125	140	125	330		√	√
110x50	110	50	220		√	√	160x50	160	50	230		√	√
110x63	110	63	255		√	√	160x63	160	63	240		√	√
110x75	110	75	254		√	√	160x75	160	75	250		√	√
110x90	110	90	260		√	√	160x90	160	90	265		√	√
125x63	125	63	260		√	√	160x110	160	110	278		√	√
125x75	125	75	240		√	√	160x125	160	125	290		√	√
125x90	125	90	295		√	√	180x90	180	90	390		√	√
125x110	125	110	295		√	√	180x110	180	110	390		√	√

## HDPE ELBOW REDUCING TEE



SIZE	D	d	L	SDR17	SDR13.6	SDR11	SIZE	D	d	L	SDR17	SDR13.6	SDR11
180x125	180	125	390			√	225x110	225	110	320		√	√
180x160	180	160	390		√	√	225x160	225	160	435		√	√
200x63	200	63	250		√	√	225x200	225	200	435		√	√
200x75	200	75	260		√	√	250x63	250	63	420		√	√
200x90	200	90	278		√	√	250x75	250	75	410		√	√
200x110	200	110	295		√	√	250x90	250	90	360		√	√
200x125	200	125	345		√	√	250x110	250	110	390		√	√
200x140	200	140	360			√	250x160	250	160	390		√	√
200x160	200	160	345		√	√	250x200	250	200	480		√	√
200x180	200	180	380		√	√	250x225	250	225	480			√
225x63	225	63	400		√	√	280x110	280	110	533		√	√
225x75	225	75	365		√	√	280x160	280	160	570		√	√
225x90	225	90	320		√	√	280x200	280	200	533		√	√



СВАРКА И РЕМОНТ ПОЛИЭТИЛЕНОВЫХ ТРУБ В БРЯНСКЕ

## Electrofusion Welding Machine

1. High - level MCU is used as control core, with abundant parameter setting, measuring and perfect protective function.
2. Wide power supply and voltage input, suitable for field electrical network level.
3. High precision control of electrical stability and time, ensure welding quality.
4. Swiftly output response time when power supply breaks, high stability.
5. Many programmable welding functions, suitable for welding requirement for various fittings.
6. Flexible welding parameter input mode; manual input through keyboard manual input or bar code scanning input.
7. English, Spanish, Russian, Polish and Chinese languages inside.



Model	PFE315B	PFE500B	PFE630B	PFE1000B
Welding Range(mm)	20-315mm	20-500mm	20-630mm	20-1000mm
Rated Power(Kw)	3.5Kw	8.0Kw	12.0Kw	15.0Kw
Input Voltage(V)	AC220V±20%	AC380V±20%		
Input Frequency(Hz)	40~65Hz			
Rated Current(A)	60A	70A	80A	80A
Output Voltage(V)	70V	150V	180V	210V
Data Record Quantities	500			
Data Output Port	USB Port &Scanner			
Weight (KG)	13kg	15kg	26kg	30kg
Package Size(MM)	520X310X400mm	540x340x440mm	540x340x440mm	650x440x520mm



## PF160/200/250/315/355



**Brief:** Suitable for welding of plastic pipes and fittings made from PE, PP & PVDF.  
Be made of Aluminum material, easy to carry and transport.  
Consists of Planning Tool, Heating Plate, Basic Frame, Hydraulic Unit and Support.

- Feature:**
1. Removable PTFE coated heating plate with separate temperature control system.
  2. Electric planning tool with reversible double cutting edge blades.
  3. Hydraulic unit provides welding machine with compressing power.
  4. Be made of Aluminum material, easy to carry and transport.
  5. Low starting pressure ensures reliable welding quality of small pipes.
  6. Temperature Controller and Timer, easy to know the time and temperature.

MACHINE SPECIFICATION					
Model	PF160	PF200	PF250	PF315	PF355
Welding Range (mm)	63 75 90 110 125 140 160	63 75 90 110 125 140 160 180 200	90 110 125 140 160 180 200 225 250	90 110 125 140 160 180 200 225 250 280 315	90 110 125 140 160 180 200 225 250 280 315 355
Heater Working Temp.	220-270°C	220-270°C	220-270°C	220-270°C	220-270°C
Temp. Deviation in Surface	≤ ±5°C	≤ ±5°C	≤ ±5°C	≤ ±5°C	≤ ±5°C
Working Voltage	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz	220V 50/60Hz
Heater Power	0.9KW	1.2KW	1.45KW	3.5KW	3.6KW
Trimer Power	0.8KW	0.8KW	1.0KW	1.8KW	1.8KW
Hydraulic Unit Power	0.75KW	0.75KW	0.75KW	0.75KW	0.75KW
Total Power	2.45KW	2.75KW	3.95KW	5.35KW	5.45KW
Pressure Adjustable Ranges	0-6.3Mpa	0-6.3Mpa	0-6.3Mpa	0-6.3Mpa	0-6.3Mpa



## PF400/450/500/630/800/1000/1200



MACHINE SPECIFICATION				
Model	PF400	PF450	PF500	
Welding Range (mm)	200 225 250 280 315 355 400	280 315 355 400 450	280 315 355 400 450 500	
Heater Working Temp.	220-270°C		220-270°C	
Temp. Deviation in Surface	≤ ±7°C		≤ ±7°C	
Working Voltage	380/220V 50/60Hz		380/220V 50/60Hz	
Heater Power	5.0KW	5.0KW	5.5KW	
Trimer Power	1.0KW	1.1KW	1.5KW	
Hydraulic Unit Power	1.5KW	1.5KW	1.5KW	
Total Power	7.5KW	7.6KW	8.1KW	
Pressure Adjustable Ranges	0–8Mpa		0–8Mpa	
Weight	400KG	420KG	500KG	
Packing	Wooden Box	3 Wooden Boxes	3 Wooden Boxes	3 Wooden Boxes
	Volume	1.6CBM	2.0CBM	2.3CBM

MACHINE SPECIFICATION				
Model	PF630	PF800	PF1000	PF1200
Welding Range (mm)	400 450 500 560 630	630 710 800	710 800 900 1000	800 900 1000 1200
Heater Working Temp.	220-270°C		220-270°C	
Temp. Deviation in Surface	≤ ±7°C		≤ ±10°C	
Working Voltage	380/220V 50/60Hz		380/220V 50/60Hz	
Heater Power	8.0KW	12.5KW	17.5KW	21.5KW
Trimer Power	1.5KW	2.7KW	3.5KW	5.0KW
Hydraulic Unit Power	1.1KW	3.0KW	3.0KW	3.0KW
Total Power	10.6KW	18.2KW	24.0KW	29.0KW
Pressure Adjustable Ranges	0–8Mpa	0–16Mpa	0–16Mpa	0–16Mpa
Weight	600KG	1200KG	2400KG	2600KG
Packing	Wooden Box	3 Wooden Boxes	3 Wooden Boxes	3 Wooden Boxes
	Volume	3.0CBM	5.5CBM	11.0CBM