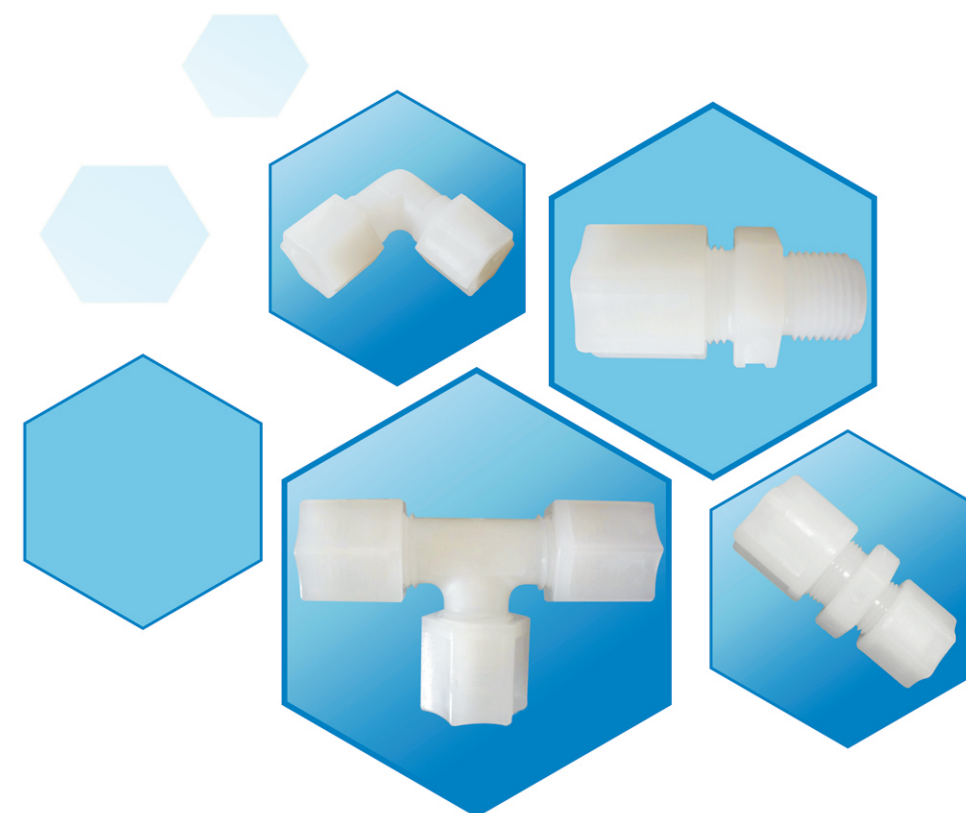
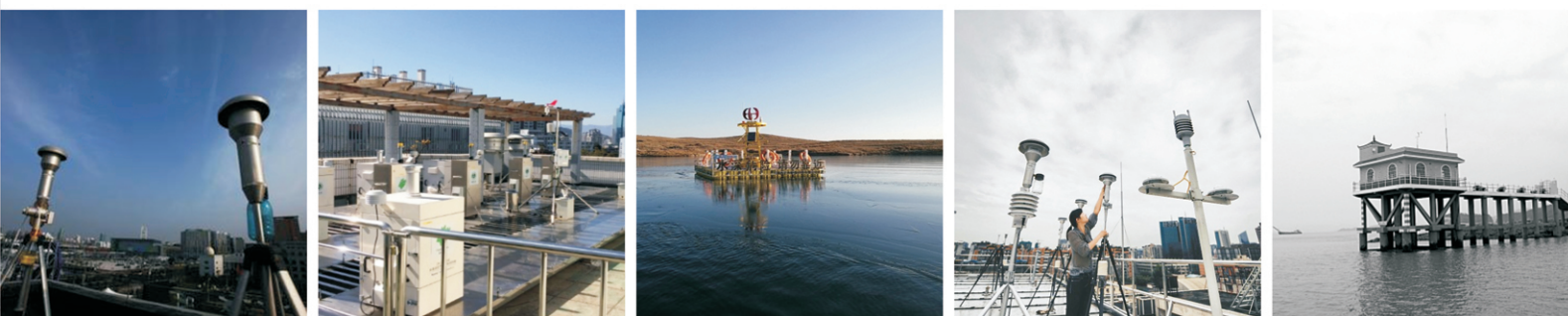




株洲宏大高分子材料有限公司

ZHUZHOU HONGDA POLYMER MATERIALS CO., LTD

为用户在高功能塑料领域提供最具价值的整体解决方案
The supplier of overall solutions in the field of high-performance plastics



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COMPANY INTRODUCTION

公司简介

株洲宏大高分子材料有限公司，创建于1999年，为国家高新技术企业，于2005年通过了ISO9001国际质量体系认证，坐落于中南交通枢纽株洲市—国家级高新区新马工业园，占地50000平方米。公司专注于高性能塑料半成品及成品的生产，主要产品有：氟塑料及工程塑料制品（PVDF，PFA，FEP，PTFE，PCTFE，UHMWPE，PEEK），并为环保行业提供各类监测设备配件（接头，导管等）。公司在强化企业管理的基础上，不断提升产品质量和服务水平，以良好的信誉和质量赢得了客户和广阔的市场，产品畅销全国各地，并出口到多个国家和地区。

Founded in 1999, Zhuzhou Hongda polymer material Co., LTD.(ISO9001:2008 qualified enterprice), is a national high&new technology enterprise, which located in Zhuzhou city - the transportation hub in Southern China. It covers an area of 50000m² in the XINMA industrial park. Hongda is a leading manufacturer of high-performance plastics in the form of semi-finished products and finished parts. The Main products are fluoroplastics and engineering plastics（PVDF，PFA，FEP，PTFE，PCTFE，UHMWPE，PEEK），also provide fittings for the monitoring equipment which used in the environmental protection industry. From raw material to finished products, every process has been strictly controlled to ensure that we can supply high quality products to customers, the products sell well both home & abroad.



氟树脂耐化学腐蚀表

Chemical Corrosion Resistance of Fluorine Resins

介质 Medium	浓度% Concentration	温度℃ Temperature	PTFE	PVDF	PFA
次氯酸钠 Sodium hypochlorite	/	70	优 excellent	优 excellent	良 good
氢氟酸 Hydrofluoric Acid	40	常温 ordinary temperature	优 excellent	良 good	良 good
油酸 Octadecenoic Acid	30	常温 ordinary temperature	优 excellent	优 excellent	良 good
发烟硫酸 Sulfuric Acid Fuming	100	常温 ordinary temperature	优 excellent	不好 poor	良 good
丙烯腈 Acrylonitrile	100	常温 ordinary temperature	良 good	不好 poor	优 excellent
氟化铵 Ammonium fluoride	/	常温 ordinary temperature	优 excellent	优 excellent	良 good
苯 Benzene	100	常温 ordinary temperature	良 good	尚好 average	良 good
醋酸丁酯 N-Butyl acetate	100	常温 ordinary temperature	良 good	尚好 average	良 good
硫化钠 Sodium sulfide	16	常温 ordinary temperature	良 good	良 good	良 good
硫酸 Concentrated sulfuric acid	98	100	优 excellent	优 excellent	优 excellent
硝酸 Acide nitrique	98	100	优 excellent	尚好 average	优 excellent
盐酸 Hydrochloric acid	35-38	100	优 excellent	优 excellent	优 excellent
醋酸 Difluoroacetic acid	100	100	优 excellent	良 good	优 excellent
铬酸 Chromous acid	100	100	优 excellent	优 excellent	优 excellent
磷酸 Pyrophosphoric acid	85	100	优 excellent	良 good	良 good
硫酸铜 Cupric sulfate	15	常温 ordinary temperature	优 excellent	良 good	优 excellent
过氧化氢 Hydrogen peroxide	30	常温 ordinary temperature	优 excellent	良 good	优 excellent
王水 Aqua regia	/	常温 ordinary temperature	优 excellent	优 excellent	优 excellent
硝基苯 Nitrobenzene	100	常温 ordinary temperature	优 excellent	尚好 average	优 excellent
苛性钠 Sodium hydroxide	50	常温 ordinary temperature	优 excellent	尚好 average	优 excellent
氢氧化钾 Potassium hydroxide	40	100	优 excellent	优 excellent	优 excellent
氢氧化铵 Tetramethylammonium hydroxide	30	常温 ordinary temperature	优 excellent	优 excellent	优 excellent

四氟乙烯与全氟烷基乙烯基醚共聚物/PFA▶▶▶

PFA挤出管PFA Extruded Tube

外径*内径 (OD*ID)	重量 (Kg/M)	外径*内径 (OD*ID)	重量 (Kg/M)
2.0*1.0	0.005	10.0*7.0	0.088
3.0*1.0	0.014	10.0*8.0	0.062
3.0*2.0	0.009	11.0*9.0	0.069
3.2*1.6	0.014	12.0*10.0	0.076
3.5*2.5	0.010	13.0*10.0	0.120
4.0*3.0	0.012	14.0*12.0	0.090
4.0*2.0	0.021	16.0*14.0	0.104
4.5*3.5	0.014	17.0*15.0	0.111
5.0*3.0	0.028	18.0*16.0	0.118
5.0*4.0	0.016	19.0*17.0	0.125
6.0*4.0	0.035	20.0*16.0	0.250
8.0*5.0	0.068	21.0*19.0	0.139
8.0*6.0	0.049	22.0*20.0	0.146
8.0*7.0	0.026	24.0*20.0	0.305
9.0*6.0	0.078	26.0*23.0	0.255
9.0*7.0	0.056	90.0*84.0	1.805

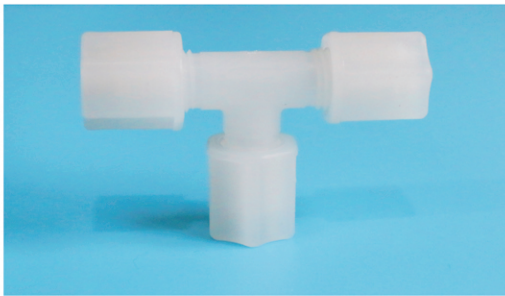
- 产品性能PROPERTIES
- 抗酸碱性能优异
 - 优良的可焊性及加工性能
 - 耐开裂性能好
 - Excellent acid and alkali resistance ;
 - Excellent weldability and machinability ;
 - Good anti-cracking performance ;



聚偏氟乙烯/PVDF▶▶▶

外牙接头MALE CONNECTORS

商品代码 Part No.	软管外径 Tube O.D.	外牙规格 Pipe Thd.
HD-4-2-MC	1/4	1/8
HD-4-4-MC	1/4	1/4
HD-4-6-MC	1/4	3/8
HD-4-8-MC	1/4	1/2
HD-5-2-MC	5/16	1/8
HD-5-4-MC	5/16	1/4
HD-5-6-MC	5/16	3/8
HD-5-8-MC	5/16	1/2
HD-6-2-MC	3/8	1/8
HD-6-4-MC	3/8	1/4
HD-6-6-MC	3/8	3/8
HD-6-8-MC	3/8	1/2
HD-8-2-MC	1/2	1/8
HD-8-4-MC	1/2	1/4
HD-8-6-MC	1/2	3/8
HD-8-8-MC	1/2	1/2
HD-10-6-MC	5/8	3/8
HD-10-8-MC	5/8	1/2
HD-12-8-MC	3/4	1/2
HD-12-12-MC	3/4	3/4



三通UNION TEES

商品代码 Part No.	软管外径 Tube O.D.
HD-4-UT	1/4
HD-5-UT	5/16
HD-6-UT	3/8
HD-8-UT	1/2

- 产品性能PROPERTIES
- 耐强酸，不耐碱
 - 优良的耐高温色变性和耐氧化性
 - 耐温150℃，耐压220Psi
 - 双卡套式锁紧，保证管子不会脱落，密封性好
 - High resistance to strong acid, but not resistant to alkali ;
 - Excellent discoloration resistance in high temperature, good antioxidant property;
 - High temperature resistance to 150°C, and 220Psi pressue resistance;
 - Double jacket locking to ensure that the pipe won't fall off, also with good sealing property.



由令UNION CONNECTORS

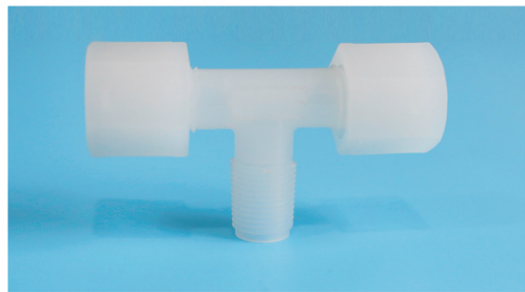
商品代码 Part No.	软管外径 Tube O.D.
HD-4-UC	1/4
HD-5-UC	5/16
HD-6-UC	3/8
HD-8-UC	1/2

聚偏氟乙烯/PVDF▶▶▶



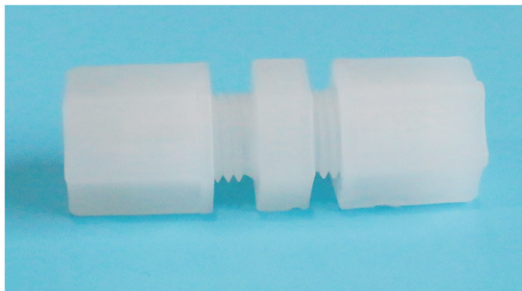
外牙90度弯头 MALE ELBOWS

商品代码 Part No.	软管外径 Tube O.D.	外牙规格 Pipe Thd.
HD-4-2-ME	1/4	1/8
HD-4-4-ME	1/4	1/4
HD-4-6-ME	1/4	3/8
HD-5-2-ME	5/16	1/8
HD-5-4-ME	5/16	1/4
HD-6-4-ME	3/8	1/4
HD-6-6-ME	3/8	3/8
HD-8-4-ME	1/2	1/4
HD-8-6-ME	1/2	3/8
HD-8-8-ME	1/2	1/2



中间外牙三通 MALE BRANCH TEES

商品代码 Part No.	软管外径 Tube O.D.	外牙规格 Pipe Thd.
HD-4-2-MBT	1/4	1/8
HD-4-4-MBT	1/4	1/4
HD-5-4-MBT	5/16	1/4
HD-6-4-MBT	3/8	1/4
HD-6-6-MBT	3/8	3/8
HD-8-6-MBT	1/2	3/8
HD-8-8-MBT	1/2	1/2



异径直通 REDUCING UNION CONNECTORS

商品代码 Part No.	软管外径 Tube O.D.
HD-4-2-RUC	1/4-1/8
HD-5-4-RUC	5/16-1/4
HD-6-4-RUC	3/8-1/4
HD-8-4-RUC	1/2-3/8
HD-8-6-RUC	1/2-1/4
HD-10-6-RUC	5/8-3/8
HD-10-8-RUC	5/8-1/2
HD-12-8-RUC	3/4-1/2



旁外牙三通 MALE RUN TEES

商品代码 Part No.	软管外径 Tube O.D.	外牙规格 Pipe Thd.
HD-4-2-MRT	1/4	1/8
HD-4-4-MRT	1/4	1/4
HD-5-4-MRT	5/16	1/4
HD-6-4-MRT	3/8	1/4
HD-6-6-MRT	3/8	3/8
HD-8-6-MRT	1/2	3/8
HD-8-8-MRT	1/2	1/2

聚偏氟乙烯/PVDF▶▶▶



隔板接头 BULKHEAD UNIONS

商品代码 Part No.	软管外径 Tube O.D.
HD-4-BU	1/4
HD-5-BU	5/16
HD-6-BU	3/8
HD-8-BU	1/2

聚四氟乙烯/PTFE▶▶▶

PTFE推压/挤出管 PTFE Extruded Tube

外径*内径 (OD*ID)	重量 (Kg/M)	外径*内径 (OD*ID)	重量 (Kg/M)
0.9*0.5	0.0010	9.0*6.0	0.082
1.2*0.8	0.0015	9.0*7.0	0.058
1.4*1.0	0.0017	10.0*8.0	0.066
2.0*1.6	0.003	10.0*7.0	0.093
2.8*2.2	0.006	12.0*10.0	0.080
3.0*1.0	0.015	13.0*11.0	0.087
3.0*2.0	0.009	14.0*12.0	0.095
3.2*1.6	0.014	15.0*13.0	0.102
3.5*2.5	0.011	16.0*14.0	0.109
4.0*3.0	0.013	17.0*15.0	0.117
4.5*3.5	0.015	18.0*16.0	0.124
5.0*3.0	0.030	19.0*16.0	0.191
5.0*4.0	0.017	20.0*17.0	0.202
6.0*3.0	0.050	21.0*18.0	0.213
6.0*4.0	0.037	22.0*19.0	0.224
6.0*5.0	0.020	25.0*22.2	0.257
7.0*5.0	0.044	32.0*29.0	0.335
7.0*6.0	0.024	40.0*36.0	0.554
7.8*7.0	0.022	50.0*46.0	0.700
8.0*6.0	0.051	460.0*448.0	19.850
8.0*5.0	0.071	510.0*497.0	23.841

备注：特殊规格可定做,重量仅供参考
Note：Special sizes can be customized, weight for reference only



90度弯头 UNION ELBOWS

商品代码 Part No.	软管外径 Tube O.D.
HD-4-UE	1/4
HD-5-UE	5/16
HD-6-UE	3/8
HD-8-UE	1/2

备注：以上所示规格尺寸还可选PP、PTFE
Note：The specifications above are also available in PP、PTFE.



产品性能 PROPERTIES

- 抗酸碱性能优异
- 良好的电绝缘性能
- 耐温-196℃~260℃
- 无毒害、耐气候
- Excellent acid and alkali resistance ;
- Good electrical insulation property ;
- Temperature -196℃-260℃ ;
- Nontoxic and climate ageing resistance.