

HDPE FITTINGS

Items	Fittings Types	Specified Fittings	Diameter (mm)	Pressure Rates(PN-Bar)	Manufacturing Process	
1	Socket Fusion Fittings	Coupler/Coupling	OD20-110mm	PN25, PN20, PN16, PN10	Injection Molding	
		Reducer/ Reducing Coupler				
		Tee				
		Reducer Tee				
		Stub End				
		End Cap		PN16, PN10		
		45 deg elbow				
90 deg elbow						
2	Threaded- Socket Fusion Fittings	Female coupler	OD20-110mm 1/2"-4"	PN16, PN10	Injection Molding	
		Male coupler				
		Lifting Stop Valve				
		Female Tee	OD20-63mm 1/2"-2"	PN16, PN10		
		Male Tee				
		Female Elbow 90 Deg				
		PP Ball Valves	PN16, PN10			
		Male Elbow 90 Deg		OD20-63mm 1/2"-2"		
		Stop Valve				PN16, PN10
		Female Union				
Male Union	OD20-63mm 1/2"-2"					
3	Butt Fusion Fittings	Reducer/ Reducing Coupler	OD75-630mm	PN25, PN20, PN16, PN12.5, PN10	Injection Molding and Customized by CNC Machines	
		Tee	OD63-630mm	PN25, PN20, PN16, PN12.5, PN10		
		Reducer Tee	OD75-630mm	PN25, PN20, PN16, PN12.5, PN10		
		90 deg elbow	OD63-630mm	PN16, PN12.5, PN10		
		45 deg elbow	OD63-630mm	PN16, PN12.5, PN10		
		30 deg elbow	OD63-630mm	PN16, PN12.5, PN10		
		22.5 deg elbow	OD110-630mm	PN16, PN12.5, PN10		
		End Cap	OD75-1200mm	PN25, PN20, PN16, PN12.5, PN10		
		Cross Tee	OD63-315mm	PN16, PN12.5		
		Reducer Cross Tee	OD90-315mm	PN16, PN12.5		
		Stub End	OD50-630mm	PN16, PN12.5, PN10		
		Lateral Tee(45 deg Tee)	OD63-160mm	PN16		
		Other diameter(630-1200mm) and pressure rates(Especially for the high pressure rate more than PN20) could be customized accordingly.				
		4	Electrofusion Fittings	EF Coupler/Coupling		OD50-630mm
EF Reducer/ Reducing Coupler	OD50-630mm			PN16, PN12.5, PN10		
EF 45 deg elbow	OD50-630mm			PN16, PN12.5, PN10		
EF 90 deg elbow	OD50-630mm			PN16, PN12.5, PN10		
EF End Cap	OD50-630mm			PN16, PN12.5, PN10		
EF Stub End	OD50-800mm			PN16, PN12.5, PN10		
EF Tee	OD50-630mm			PN16, PN12.5, PN10		
EF Reducer Tee	OD50-630mm			PN16, PN12.5, PN10		

These are the regular HDPE fittings we could provide, please contact us for the items not listed here.

Items	Fittings Types	Specified Fittings	Diameter (mm)	Pressure Rates(PN-Bar)	Manufacturing Process
5	Flanges/ Backing Ring	Blank/Blind-Metallic Material	DN20-2000mm	PN25, PN20, PN16, PN12.5, PN10, PN8	Forged Casting
		Plate Flange-Metallic Material	DN20-2000mm	PN25, PN20, PN16, PN12.5, PN10, PN8	
		Blank/Blind-PP/PE Material	DN20-500mm	PN25, PN20, PN16, PN12.5, PN10, PN8	Injection Molding
		Plate Flange-PP/PE Material	DN20-500mm	PN25, PN20, PN16, PN12.5, PN10, PN8	
		Rubber Seal Gaskets	DN20-1200mm	-	
6	Fabricated Segments Fittings- Butt Fusion Ends	Elbow: 11.25 Deg, 22.5Deg 30Deg, 45Deg 60Deg, 90Deg and other required degrees	DN110-1200mm	PN16, PN12.5, PN10, PN8	Segmented Fabrication
		Tee			
		Reducer Tee			
		Lateral Tee(45 deg Tee)			
		Cross Tee			
		Reducer Cross Tee			
		Special-shaped S tube, etc Sweep Bend R1.5D, R3D			
7	PP Compression Fittings	Quick Coupling/Coupler	OD20-110mm	PN16, PN10	Injection Molding
		Quick Reducer/ Reducing Coupler			
		Quick Tee			
		Quick Reducer Tee			
		Quick 45 deg elbow			
		Quick 90 deg elbow			
		Female coupler			
		Male coupler			
		Quick Female 90 deg elbow			
		Quick Male 90 deg elbow			
		Female Tee			
		Male Tee			
		Quick Flanges			
		Ball Valves	OD20-63mm		
		Saddle Clamp	OD20-250mm		

1

Socket Fusion Fittings



3

Butt Fusion Fittings



2

Threaded- Socket Fusion Fittings



4

Electrofusion Fittings



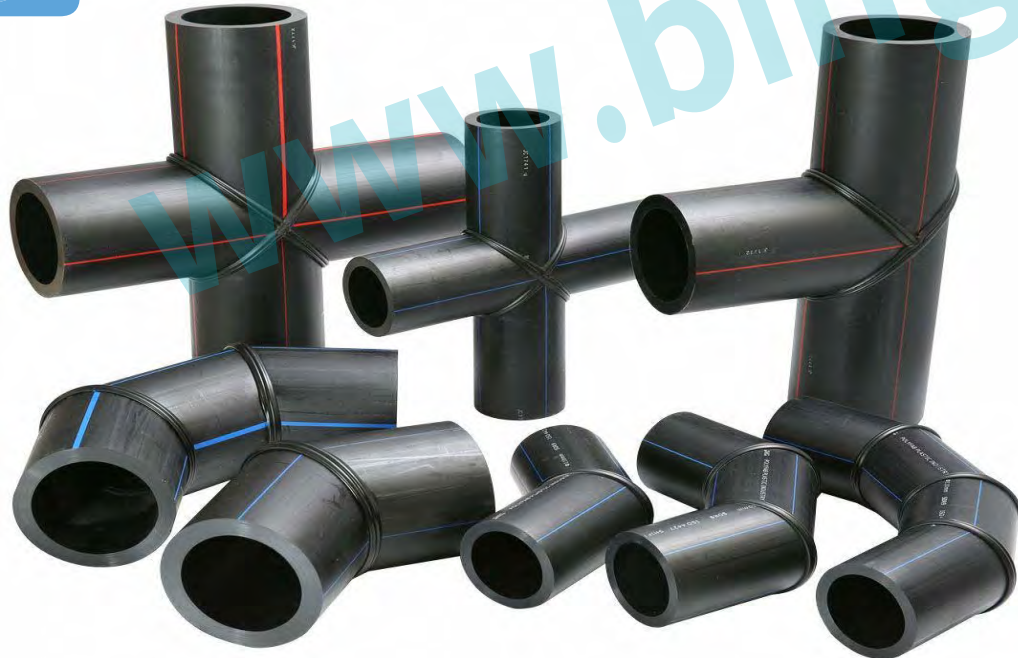
5

Flanges/Backing Ring



6

Fabricated Segments Fittings



7

PP Compression Fittings



8

Others Customized Fittings

