



ELECTRO FUSION & SPIGOT FITTINGS





ASVA CORPORATION

The ASVA group specializes in the manufacturing of international quality plastic products and accessories that secure and channel chemical and water for domestic and international commercial and industrial use. Keenly aware that these precious energy resources are the principal drivers of process and development, the group focuses exclusively on device and components that support energy supply.

Launched in 1999, the group began with manufacturing products for chemicals & water industries under the brand name CPI. Once established as the market leader in Pipe Fittings & Valves, the group grew and diversified, adding finely crafted chemical & water distribution accessories to its premium Pipe Product. Today, the group is on the verge of launching an entire range of innovative products to facilitate all industries.

The group has received ISI Mark that certifies consistent quality for its brands, **HDPE/PP/PPH/PVDF** PIPE & FITTINGS & BALL VALVES.

HDPE PIPES

HDPE PIPES AS PER IS
STANDARD 4984 : 1995



Grade of Raw Material	PE63	PE80	PE100
Size (O.D.)	20 to 315 mm	20 to 315 mm	20 to 315 mm
Pressure Class (PN)	PN-2.5 to PN-12.5	PN-2.5 to PN-16	PN-6 to PN-16



Grade of Raw Material	PE63	PE80
Size (O.D.)	20 to 110 mm	20 to 110 mm
Pressure Class (PN)	PN-6 to PN-10	PN-6 to PN-10

SPIGOT FITTINGS



Spigot End Cap
Mfg Range : 20 mm OD to 160 mm OD



Bend (Spigot Type) (6 Kg. & 10 Kg.)
Mfg Range : 20 mm OD to 315 mm OD



Tee (Spigot Type) (6 Kg. & 10 Kg.)
Mfg Range : 20 mm OD to 315 mm OD



Reducer (Spigot Type)
Mfg Range : 20 mm OD to 315 mm OD



Sandwich Flange
Mfg Range : 20 mm OD to 315 mm OD



Spigot Reducing Tee
Mfg Range : 63 mm OD to 315 mm OD



Spigot Elbow 45 Degree
Mfg Range : 20 mm OD to 315 mm OD



ELECTROFUSION FITTINGS



Electrofusion Tee

Mfg Range : 50 mm OD to 110 mm OD
IN KIT : 125 mm OD to 315 mm OD



Electrofusion Elbow 90°

Mfg Range : 50 mm OD to 110 mm OD
IN KIT : 125 mm OD to 315 mm OD



Electrofusion Coupler

Mfg Range : 20 mm OD to 315 mm OD



Electrofusion Reducer

Mfg Range : 20 mm OD to 110 mm OD
IN KIT : 125 mm OD to 315 mm OD



Electrofusion End Cap

Mfg Range : 32 mm OD to 110 mm OD
IN KIT : 125 mm OD to 315 mm OD



Electrofusion Elbow 45°

Mfg Range : 32 mm OD to 110 mm OD
IN KIT : 125 mm OD to 315 mm OD



Stub End (180 mm Long)

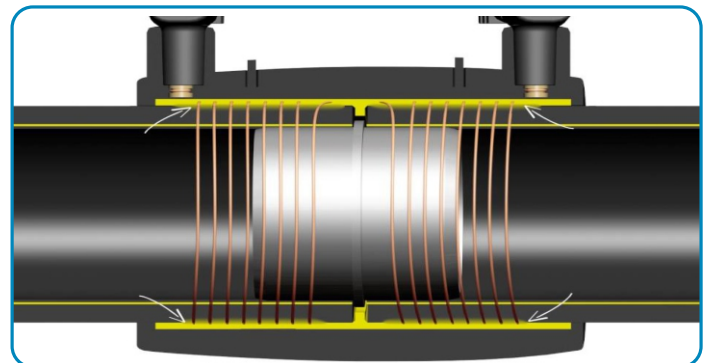
Mfg Range : 32 mm OD to 315 mm OD



Electrofusion Saddle

Mfg Range : 63 mm OD to 160 mm OD

ELECTRO-FUSION WELDING PROCESS



HOW DOES ELECTRO FUSION WORKS

The characteristics of the fitting to be welded, such as the fusion time, are registered via a barcode on the fitting. An electrofusion control unit (ECU) supplies the electrical energy necessary to heat the coil. When the coil is energised, the material adjacent to it melts and forms an expanding pool which comes into contact with the surface of the pipe. The continued introduction of heat energy causes the pipe surface to melt and a mixing of pipe melt and fitting melt takes place; this is vital to produce a good weld. Following the termination of the heat cycle, the fitting and the pipe are left to cool and the melted material solidifies to form a sound joint.

OUR PRODUCT



Valves



HDPE (PIPE & FITTINGS)



ENGINEERING PRODUCT



PP (PIPE & FITTINGS)



PPH (PIPE & FITTINGS)



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