sales.plastoguardind@gmail.com
plastoguard.com

HDPE FITTINGS & FLANGES CATALOGUE

PE100 & PE80 PIPELINE SYSTEMS • 20MM – 1600MM

IS 4984 • ISO 4427 • IS 8360

ELECTRO FUSION FITTINGS

BLACK PE100 • POTABLE WATER & GAS INFRASTRUCTURE



01 **Electrofusion Coupler** — PE100

RANGE 20mm to 630mm | SDR 11 (PN16) / SDR 17 (PN10)



02 **Electrofusion Tee** — PE100

RANGE 20mm to 500mm | SDR 11 (PN16) / SDR 17 (PN10)



03 **Electrofusion Bend 90°** — PE100

RANGE 20mm to 500mm | SDR 11 (PN16) / SDR 17 (PN10)



04 **Electrofusion Bend 45°** — PE100

RANGE 63mm to 315mm | SDR 11 (PN16) / SDR 17 (PN10)



05 **Electrofusion Reducer** — PE100

RANGE 32mm to 315mm | SDR 11 (PN16) / SDR 17 (PN10)



06 **Electrofusion Reducing Tee** — PE100

RANGE 20mm to 500mm | SDR 11 (PN16) / SDR 17 (PN10)



07 **Electrofusion End Cap** — PE100

RANGE 20mm to 160mm | SDR 11 (PN16) / SDR 17 (PN10)



08 **Electrofusion Branch Tapping Saddle** — PE100

WITH FEMALE BSP THREADING OUTLET

RANGE 63mm to 225mm | SDR 11 (PN16)

BUTT FUSION FITTINGS — SHORT SPIGOT

PE80 & PE100 • INJECTION MOLDED • 20MM – 1200MM



01 Stub Flanges / Flange Adapter

PE80 & PE100

FOR BUTT FUSION • SDR 11, SDR 17 & SDR 21

RANGE 20mm to 1200mm | PN 6, PN 10 & PN 16



02 Concentric Reducer

PE80 & PE100

>4-STEP REDUCTION AVAILABLE ON REQUEST

RANGE 20mm to 800mm | SDR 11 & SDR 17



03 Excentric Reducer

PE80 & PE100

FLAT-BOTTOM DRAINAGE & SLURRY PROFILE

RANGE 20mm to 400mm | SDR 11 & SDR 17



04 End Caps

PE80 & PE100

EXTRUSION WELDING & CUSTOM THIN SIZES AVAILABLE

RANGE 20mm to 1200mm | SDR 11 & SDR 17



05 Molded Bends — 90°

PE80 & PE100

RANGE 20mm to 630mm | SDR 11 (PN16)



06 Molded Tee (Equal)

PE80 & PE100

RANGE 20mm to 630mm | SDR 11 (PN16)



07 Molded Bends — 45°

PE80 & PE100

RANGE 20mm to 630mm | SDR 11 (PN16)



08 Molded Unequal / Reducing Tee

PE100

RANGE Up to 630mm | SDR 11 / SDR 13.5

BUTT FUSION — LONG SPIGOT

PE100 • ELECTROFUSION & BUTT WELD • 20MM–800MM



01 Flange Adapter (Long Spigot)

PE100

FOR ELECTROFUSION COUPLER OR DIRECT BUTT FUSION

RANGE 20mm to 500mm | PN 10 & PN 16 (SDR 11 & SDR 17)



02 Concentric Reducer — Long Spigot

PE100

FOR ELECTROFUSION WITH PIPE OR COUPLER

RANGE 20mm to 630mm | PN 10 & PN 16



03 End Caps (Long Spigot)

PE100

EXTENDED SPIGOT PROFILE

RANGE 20mm to 500mm | SDR 11 & SDR 17



04 Molded Bends (Long Spigot)

PE100

RANGE 63mm to 800mm | SDR 11 (PN16)



05 Molded Equal Tee (Long Spigot)

PE100

RANGE Up to 800mm | SDR 11 / SDR 13.5 / SDR 17



06 Molded Unequal / Reducing Tee

PE100

RANGE Up to 630mm | SDR 11 / SDR 13.5



07 Molded Cross / 4-Way Tee

PE100

RANGE Up to 315mm | SDR 11 / SDR 13.5

FLANGES & FABRICATED FITTINGS

HDPE, PPH, PVC & IPS COMPATIBLE • 20MM–1600MM



01 Flanges — Steel Reinforced

PP / PE + Steel Core

SLIP-ON TYPE • CUSTOM BORE & THREADED SIZES AVAILABLE

RANGE 20mm to 1000mm | DIN 2501 / ANSI #150



02 Blind Flanges

PE & Carbon Steel

RANGE 20mm to 1000mm | DIN 2501 / ANSI #150 • PN10 / PN16

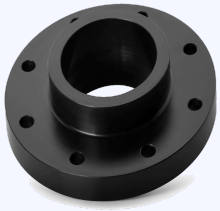


03 Carbon Steel & Stainless Steel Flanges

CS / SS304 / SS316

SLIP-ON BACKING RINGS • GALVANIZED / EPOXY COATED

RANGE 20mm to 1600mm | DIN / ANSI #150 / BS10 Tables D-F



04 Weldneck & Puddle Flange

PE100 / Steel

BUTT-WELD TYPE • WALL STOPS & TANK WATERSTOP COLLAR

RANGE 20mm to 800mm | Hydrostatic Wall Collar



05 Spacers for Butterfly Valves

HDPE / PP

FLANGED OR RING TYPE • WITH / WITHOUT GASKET GROOVES

RANGE 20mm to 1000mm (1/2" - 40") | Disc Clearance Ring



06 Fabricated Bends (IS 8360 Part 2)

PE80 & PE100

22.5°, 45°, 60° & 90° • 2/3/4-PIECE SEGMENTED • R=1.0D & R=1.5D

RANGE 20mm to 630mm | PN 6, PN 10 & PN 16



07 Fabricated Equal & Reducing Tee

PE80 & PE100

IS 8360 PART 3 • BUTT FUSION & ELECTROFUSION

RANGE 20mm to 630mm | PN 10 & PN 16

PLASTOGUARD
NJ Enterprises • Infrastructure Piping

GSTIN: 27ANMPD5199E1ZR

SALES & RFQS
sales.plastoguardind@gmail.com
plastoguard.com

PHONE
+91 7718847463
+91 8976557664

WORKS & OFFICE
26, Sethi Industrial Estate, Suren Rd, Andheri East, Mumbai 400093

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