



|| Shree Rajendraji Gurubhyo Namah ||

SHREE DARSHAN PIPES

HDPE, PVC, PP, CPVC, FPR, PVDF - PIPES, FITTINGS, SHEETS, WELDING RODS
BUTT WELDING & ELECTRO FUSION WELDING JOBS

TECHNICAL DATA SHEET

“GEMINI” Brand HDPE Double Walled Corrugated (DWC) pipes as Telecom & Power Cable Ducting.

Type of pipe:

Double Wall Corrugated pipes
Of HDPE.

Inner Wall:

Smooth allowing easy insertion of
Cable

Joining:

- 1) Snap-fit couplers
- 2) Heat Shrink Sleeves
- 3) Electro butt-welding
- 4) Screw type compression couplers
- 5) Split Couplers

Material:

High density Polyethylene (HDPE)

Outer Wall:

Being Corrugated imparts, excellent ring
Stiffness (Compression Strength)

Colour:

black outer wall with non-black inner wall
other colours on request.

Fittings available:

- 1) End Caps
- 2) Bends
- 3) Tees
- 4) Reducers
- 5) Spacers

Governing specifications:

- 1) IS-14930 (Part-II)
- 2) TEC GR NO. GR/DWC-34/01 SEP.2007

Dimension:

Nominal Size	mm	40	50	63	78	90	110	120	125	160	180	200	250	300	315
O.D.	mm	40	50	63	78	90	110	120	125	160	180	200	250	300	315
I.D.	mm	32	39	50	63	76	96	103.5	107	136	152	175	217	260	272
Min. Bending	Radius	700	700	1100	1100	2000	2000	2000	NA	NA	NA	NA	NA	NA	NA
I.D. of Coil	Mm	1400	1400	750	750	750	NA	NA	NA	NA	NA	NA	NA	NA	NA

Compression strength:

Compression strength at 5% applied
Deflection load $\geq 450N$.

Impact strength:

5kg striker falling through a height of
570 mm
Energy = 28 Joules

Bending test:

While bent at a bending radius given
In Dimensions table, a sphere of
Diameter 95% of ID passes smoothly
at room temperature & -5 °C

External influences: (IP-67)

Ingress of dust-the joint is dust proof.
Ingress of water-the joint is waterproof.

**Special Properties only on request
at extra cost:**

- 1) Non-flame propagation properties
- 2) Anti-Rodent Properties
- 3) Permanently lubricated inner wall

Packing:

Bars - 6 mtr. Length
Coils - 1) 100 mtr. Length for 40mm OD & 50 mm OD.
2) 30/50 mtr. Length for 63mm OD, 78 mm
& 90mm OD

Installation:

Refer our instruction sheets

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