

## SALIENT FEATURES

- Excellent load bearing capacity (SN4/8/16)
- Low Manning's Roughness Coefficient 'n' - 0.009
- High Hazen William's Coefficient 'c' - 150
- Chemically inert (Ref. IS-14333-1996)
- Abrasion resistant
- Flexible and fatigue resistant
- Excellent anti-corrosive properties
- Suitable for any aggressive climatic conditions
- Corrugated profile gives excellent soil bonding

## ADVANTAGES OF D-REX

- Light weight and easy to handle
- Telescopic transportation possible
- No need of heavy machinery for installation
- Excellent connectivity with Manholes and Inspection chambers

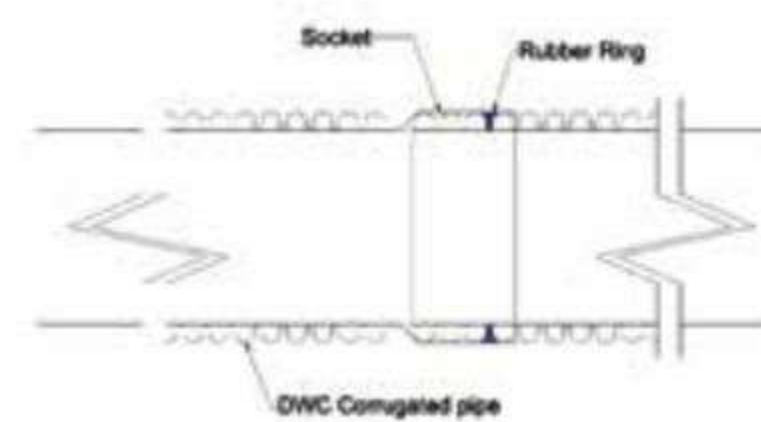
## AVAILABLE DIAMETER RANGE

Nominal Size (mm)	Inner Dia (mm)
75	100
135	150
170	200
250	300
400	500
600	800



## INLINE SOCKET COUPLER

Keeping the limitations of the currently used coupling systems, we have developed an integral non-detachable coupler which provides an ideal alternative for a foolproof sewerage pipe connection with a much higher load bearing capacity which ensures that no deformation occurs during transportation and storage, and results in a perfectly leak-proof joint. These couplers come with an load bearing strength of SN4, and are in the form of an integral part of the pipe. In contrast to the existing systems, In-line sockets provide excellent jointing and leak-proof arrangement alongwith a high strength joint integrity.



### The salient advantages of the Rex In-Line Coupler are:

- Min. load bearing capacity of 4 KN/m<sup>2</sup>.
- Stiffness parameter conforming to IS-16098 Part II, when tested individually.
- Manufactured using state-of-the-art Process.
- Multiple pipe length choices (apart from 6m length) available with socket.
- Separate sockets available on demand with customized length for on-site repairs and laying requirements.

### Already Recommended / Approved / Incorporated in DSRs by:

- Ministry of Urban Development / CPHEEO / AMRUT / Smart cities
- Town & Country Planners, NHAI / IRC
- Major Private Township Developers & Builders throughout the country
- Military engineering services (MES)
- All the states / Districts Urban Development Authorities, Municipal Corporation, Development Authorities, Drainage & Sewerage Boards, Smart cities.

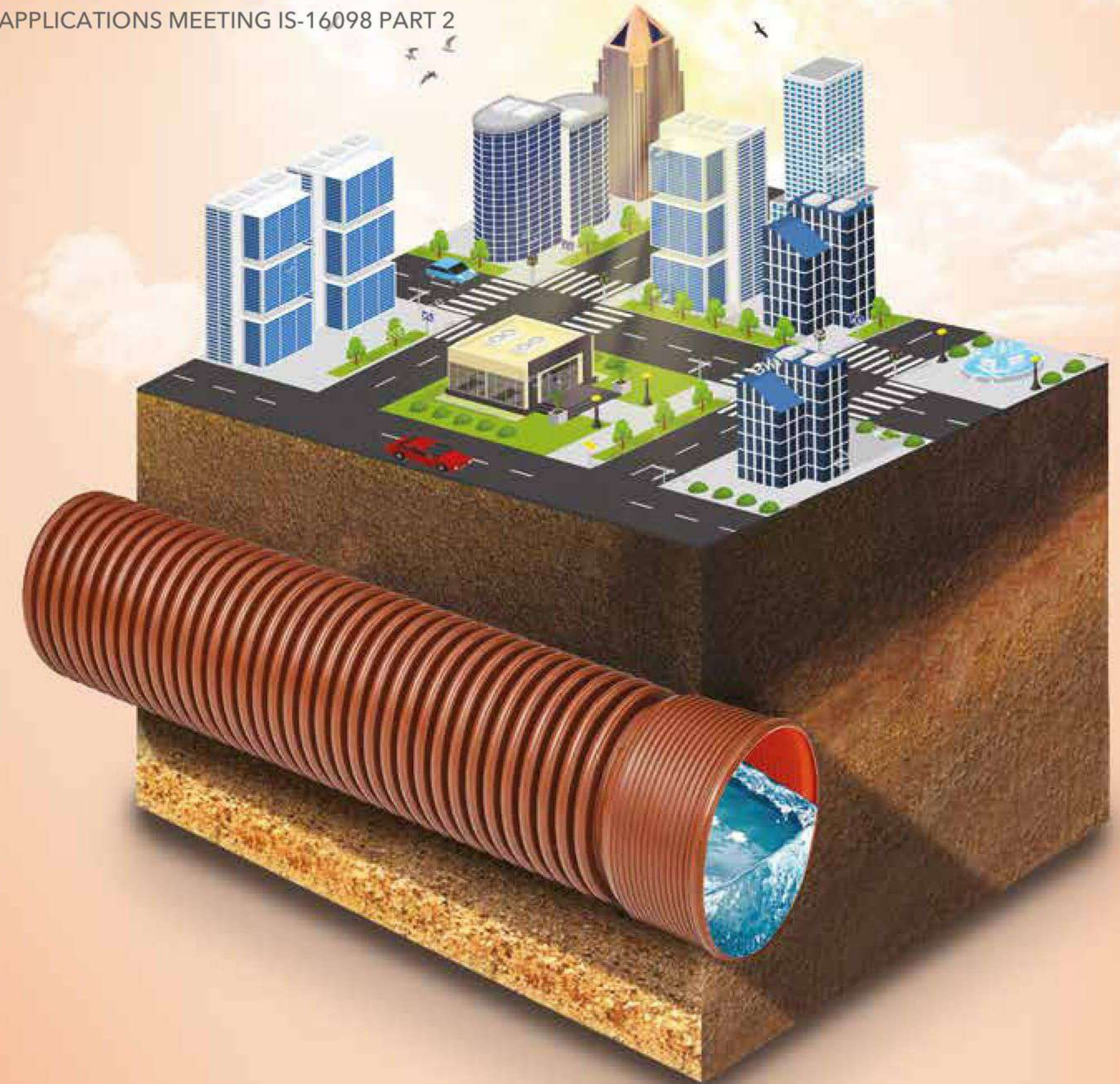
# D-REX

## DOUBLE WALLED CORRUGATED DWC PIPE OF PE/PP WITH SMOOTH INTERNAL AND CORRUGATED EXTERNAL SURFACE. MADE OF PE/PP

for

NON-PRESSURE UNDERGROUND DRAINAGE AND SEWERAGE.

APPLICATIONS MEETING IS-16098 PART 2



[www.rexpoly.co.in](http://www.rexpoly.co.in)

THE CORRUGATED PIPE PEOPLE



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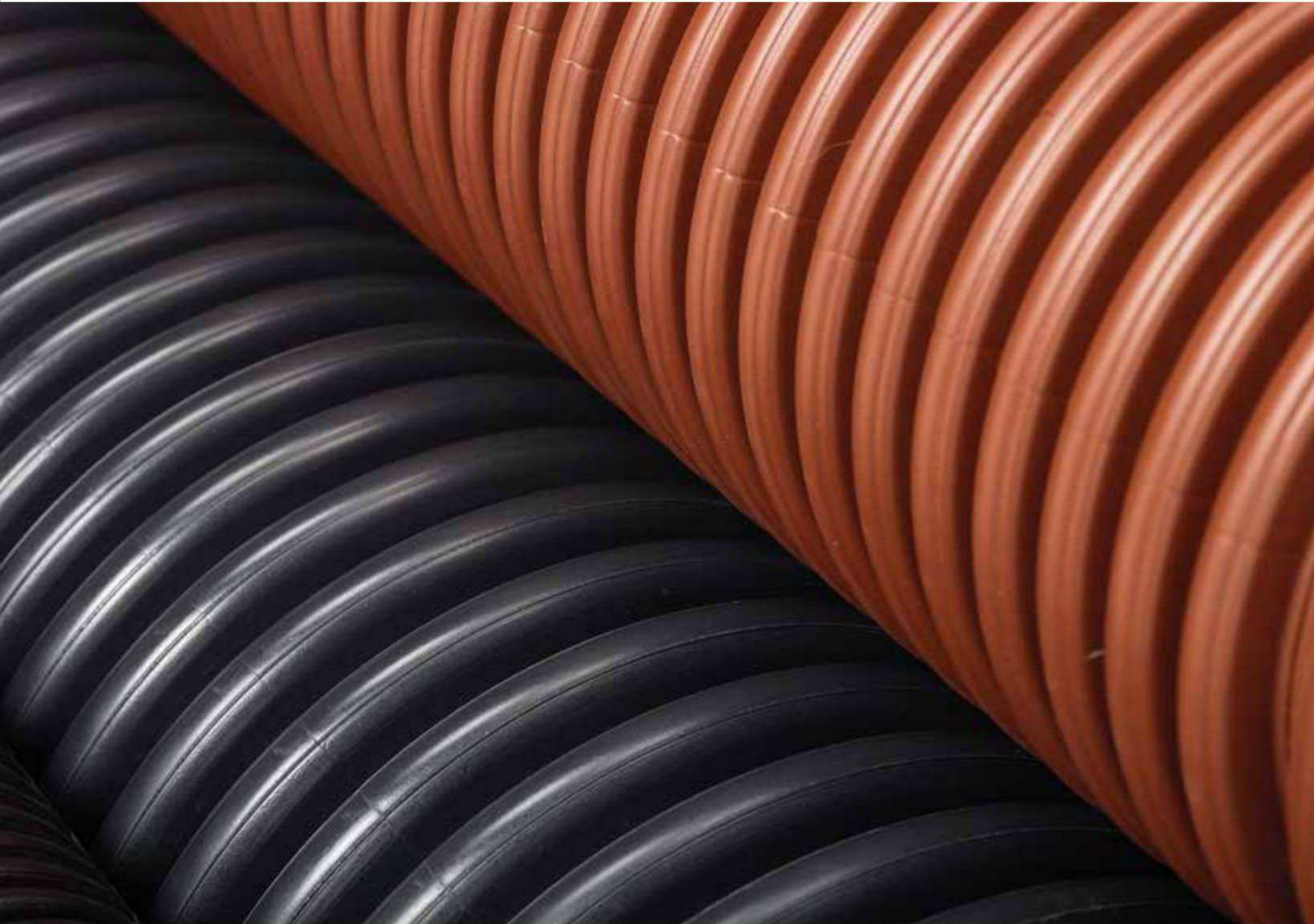
D-REX DWC PIPE



## D-REX

### PIPES FOR NON PRESSURE UNDERGROUND DRAINAGE AND SEWERAGE APPLICATION.

D-Rex is an innovative product aptly described as structured wall piping system of PE/PP with smooth internal and corrugated (profiled) external surface. The corrugated (profiled) external surface of the D-Rex pipes gives the product excellent ring stiffness (load bearing capacity). Unlike plain pipes, D-Rex pipes do not deform under vehicular traffic load. Furthermore, since these pipes are moderately flexible, they can be aligned comfortably even in gradually bending paths.



The inner wall, which is fused with the outer wall, is smooth and facilitates laminar flow of liquid. This results in lesser possibilities of pipe clogging, deposition of debris in the pipe path etc.

D-Rex stands high as compared to the conventional options owing to its advantages and cost-economic viability, and is a popular product among the end users and contractors.



D-REX DWC PIPE

## STANDARD LENGTHS: In 6 mtr. straight bars

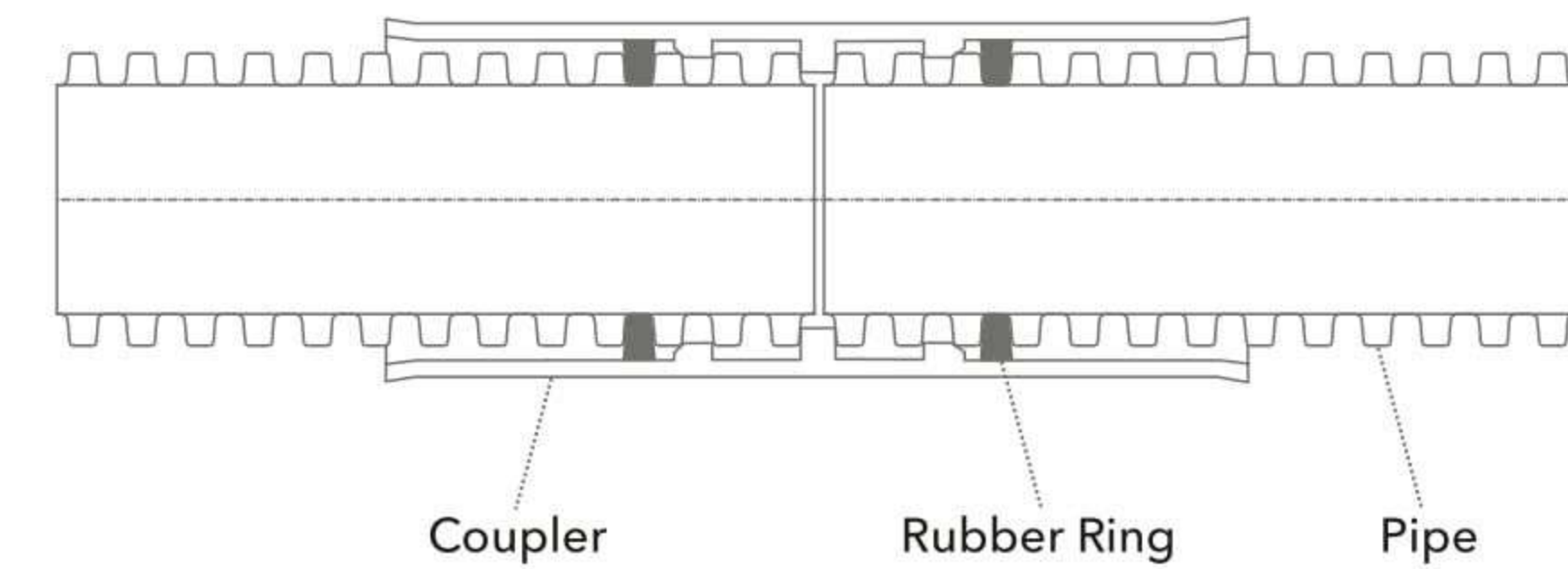
**SPECIFICATION:** As per IS-16098 Part II and ISO 21138 Part III (Stiffness Class - SN4, SN8 and SN16)

**UNIQUE FEATURES:** Rodent Repellancy (on-demand) - To avoid Rodent Attacks

**STANDARD COLOUR:** Outer Black, Inner Orange

## METHODS OF JOINTING

- Snap-Fit Coupler with Rubber Ring
- In-line Socket Molded Coupler
- Socket-Spigot Arrangement



## AVAILABLE FITTINGS

Various types of fabricated / moulded accessories are available on demand such as-

- Tee
- Bends
- Reducers
- End Cap
- Couplers etc.

## APPLICATION

- Sewerage and Drainage
- Collectors for Sub-Surface Drainage
- Culvert and Highway Drainage
- Effluent / Wastewater Transport Network
- Rainwater / Storm Water Collection Network
- Stormwater Drainage Network
- House Connections

