



A consumer validated
Superbrand in piping
category for
consecutive 3 years



India's Most Trusted
Pipe Brand based on
TRA's Brand Trust
Report for the 3rd time



India's Most Desired
Brand based on
TRA's Brand Trust
Report 2021

Astral Limited

(Formerly known as Astral Poly Technik Limited)

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Please get in touch with us between 10 AM to 6 PM on Monday
to Saturday - except 1st & 3rd Saturday and public holidays

ATR/PC/002
REV:00/11/21
SC: PR07000072

TeleRex®

DOUBLE WALLED CORRUGATED HDPE PIPE

FOR SIGNALLING, TELECOMMUNICATION
AND POWER CABLE PROTECTION

IS:16205 (Part-24)



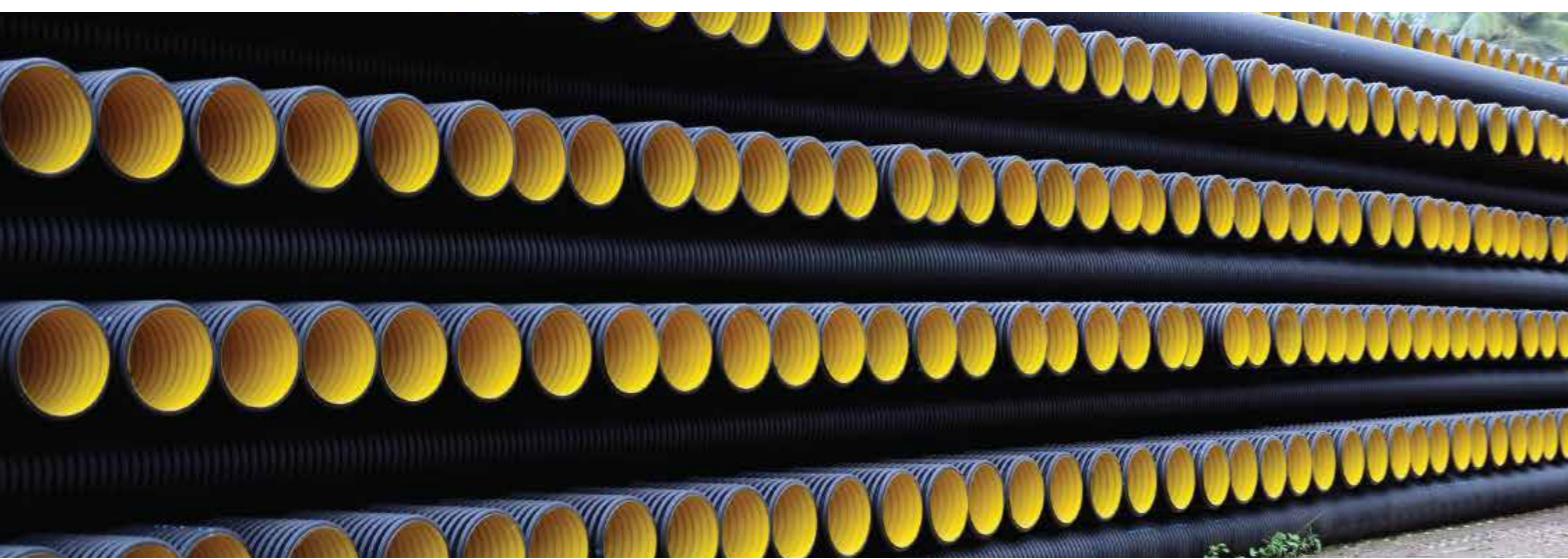
ONLY THOSE PRODUCTS BEARING
THE ABOVE MARKS ARE CERTIFIED



DOUBLE WALLED CORRUGATED (DWC) PIPES FOR SIGNALLING, TELECOMMUNICATION AND ELECTRICAL CABLE PROTECTION

TeleRex Pipes are the marvel of a product for underground cable ducting. Laid in single layer or with spacers for multilayer installation, TeleRex HDPE pipes have a corrugated outer wall for excellent diametrical stiffness, and an inner fairly smooth wall for facilitating easy cable insertion. It is available in coil form (upto 63 mm OD) and in straight bars.

The product is widely utilised among the various Government Departments, Railway Authorities, Public Works Department, Telecommunication Department, Development Authorities, Airport Authorities, State Electricity Boards, Power Distribution Companies, Solar Installations etc. for underground cable protection.



SPECIFICATIONS

- As Per IS: 16205 Part-24 (Earlier IS: 14930 Part-2) • BSNL TSEC: GR No.: TEC/GR/FA/DWC-034/02
- RDSO/SPN/204/2011 Ver. 1.1 with Latest Amendments • IEC 61386 (Part-24)
- Type 450N & Type 750N Compressive Strength

STANDARD LENGTHS

- Coils of 50/100/200 Metre (Upto 63 mm OD)
- In 6 Metre Straight Bars (40 mm-315 mm)



STANDARD COLOURS

Black/Yellow and Orange/Orange

OPTIONAL FEATURES

- Anti rodency-to avoid rodent attacks
- Non-flame propagation property-resistance to flame propagation
- Permanently lubricated silicone inner layer-for smooth cable insertion
- Anti-termite

Note: above mentioned features are optional.

APPLICATIONS

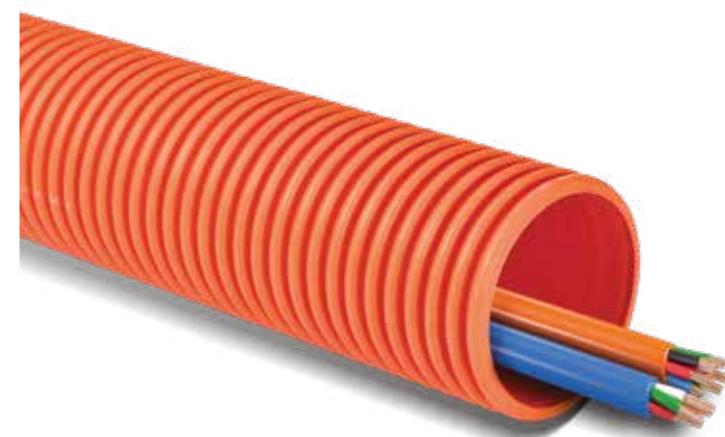
- Signalling cable management for railways and airports
- Solar power cable protection
- Optical fibre cable network
- Level crossings, platforms
- Home signals
- CCTV

SALIENT FEATURES

-  Excellent load-bearing capacity
-  Chemically inert
-  Abrasion resistant
-  Flexible and fatigue resistant
-  Excellent anti-corrosive properties
-  Suitable for aggressive climatic conditions
-  Corrugated profile gives excellent soil bonding

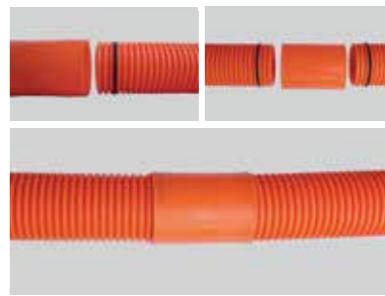
ADVANTAGES OF TELEREX

- Light weight and easy to handle
- Telescopic transportation possible
- Excellent ring stiffness
- Smooth inner wall, hence minimum friction loss
- Even when bent, the radius of pipe is retained
- Moderate flexibility takes care of soil settlement, if any
- Takes heavy earth loads
- Easy to join



METHODS OF JOINING

- Snap-Fit Coupler with Rubber Ring



AVAILABLE RANGE

Nominal Size (mm)	Inner Dia (min.) (mm)	Min. Bending Radius (mm)
40	32	1100
50	38	1100
63	50	1100
75	63	1900
77	63	1900
90	75	1900
110	94	3300
120	102	3300
160	135	-
175	146	-
180	152	-
200	173	-
250	215	-
315	270	-

Note: 'Minimum Bending Radius' to be declared by the manufacturer.