



TECHNICAL SPECIFICATION

CODE: ET-01 B

PE PIPES FOR CONDUCTING TELECOMMUNICATION
CABLES:
MONOTUBE, BITUBE AND TRITUBE

REVISION: 0

DATE: 02/01/12

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RAW MATERIAL:

HIGH DENSITY POLYETHYLENE AND COLOUR MASTERBATCH

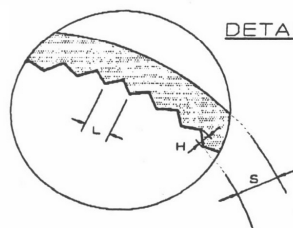
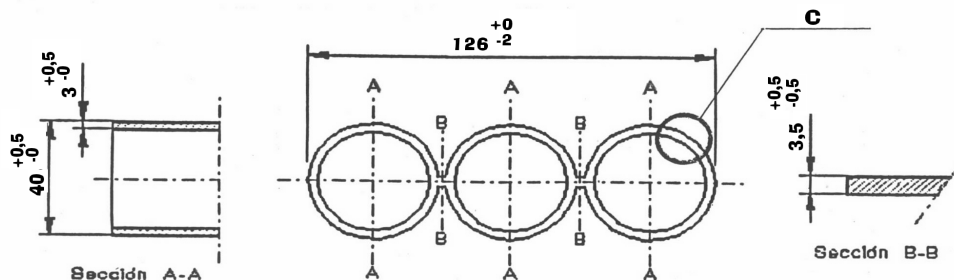
Colour: As per customer requirement

PIPE:

Surface Outer and Inner: Smooth

Length of coil: According to Customer Order

FEATURE	CONDITIONS	UNIT	MEASURE
Outside Diameter	23 ° C	mm	40,25 ± 0,25
Wall thickness	23 ° C	mm	3,25 ± 0,25
Wall thickness of the join, in case of Bitube and Tritube	23 ° C	mm	3
Density	23 ° C	Kg/m ³	> 947
Melt Flow Rate	2,16 Kg	gr/10 min	< 0,40
Carbon Black Content	550 ° C	%	2,25 ± 0,25
Tensile Strength	100 mm/min	Kg/cm ²	> 200
Elongation at break	100 mm/min	%	> 350
Deformation under pressure	8 bar/30 min	Test	Without deformation
Curvature Radio	0,7 m	Test	Without deformation
Leak - tightness	3,6 bar/1 min	Test	Without leaks
Thermal reversion	110 ° C/30 min	%	< 3



DETALLE C : in case of inner groove surface

S = 3 mm ^{+0,5}/₋₀

L ≈ 1 mm

H ≤ 0,4 mm



Fab. Tubería PE

an **Aliaxis** company