

Technical Data Sheet

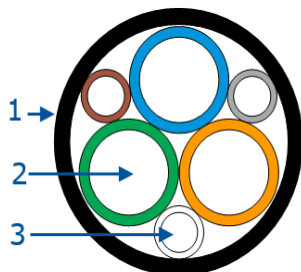
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BUN038_version 0

EN

2/22/2022

DuraNet DI HDPE 3x 10/8 + 3x 5/3,5 mm_EN - Dura-Line



Component	Key number	Nominal outside diameter / assembly height (mm)	Nominal inside diameter / assembly width (mm)	Thickness (mm)
Elementary duct	1	10 ±0,1	8 ±0,3	1 ±0,1
Secondary duct	2	5 ±0,1	3,5 ±0,3	0,75 ±0,1
Total assembly sheath	3	25 ±0,8		1,5 ±0,2

Total assembly sheath

CHARACTERISTICS	NOMINAL VALUE	UNIT	REQUIREMENT	STANDARD
Environmental aspects	No danger regarding toxicological and ecological considerations	--	--	Does not contain chemicals according to Directive REACH and ROHS II
Material	PEHD PP	--	--	--
Weight	212	kg/km	--	--
Crushing resistance	300	N	≥250	IEC 61386-24
Tensile resistance on sheath	2200	N	--	--
Tensile resistance on bundle	3850 (max pulling force)	N	--	--
Vertical undulation	<5	mm	≤5	0
Horizontal undulation	<5	cm	≤5	0
Ovality (components)	5	%	≤5	DL Europe - Specs MICRO - 2020_12
Friction coefficient (components)	0,1	--	≤ 0,1	Internal method Dura-Line
Lubrication (components)	Silicore			

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Elementary duct #1: 10/8

CHARACTERISTICS	NOMINAL VALUE	UNIT	REQUIREMENT	STANDARD
Crushing resistance	500	N	500 N/100mm /60sec	IEC 60794-5-10 (<15%)
Tensile resistance on pipe	420 (max pulling force)	N	--	ISO 6259
Hydrostatic Pressure	170	h	4 Mpa / 80°C / 170h	DIN 16874 ISO 1167-1

Secondary duct #2: 5/3,5

CHARACTERISTICS	NOMINAL VALUE	UNIT	REQUIREMENT	STANDARD
Crushing resistance	500	N	500 N/100mm /60sec	IEC 60794-5-10 (<15%)
Tensile resistance on pipe	150	N	--	ISO 6259
Hydrostatic Pressure	170	h	4 Mpa / 80°C / 170h	DIN 16874 ISO 1167-1

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GENERAL STATEMENT

Identification	Elementary duct: Blue RAL 5015, Green RAL 6001, Orange RAL 2009. Secondary duct: Brown RAL 8015, Grey RAL 7045, White RAL 9003. Assembly sheath : Black RAL 9017.
Central Europe UV stabilization limit	12 months
Marking	Elementary duct: " 0000 m - Dura-Line - <batch number> - DuraMicro HDPE - 10/8- Silicore - < YYYY/MM/DD> " (every 1 m) Secondary duct: " 0000 m - Dura-Line - <batch number> - DuraMicro HDPE - 5/3,5- Silicore - < YYYY/MM/DD> " (every 1 m) Assembly sheath : " 0000 m – Dura-Line - <batch number> - DuraNet DI HDPE - 3x 10/8 + 3x 5/3,5 - YYYY/MM/DD " (every 1 m)
Packaging	Lost Wooden Drum HWD 190x90x100 (cm) / 2000m
Practical recommendations	1/ Ends of DuraNet must be protected by appropriate end-stops shrinkable materials, in order to prevent ducts from environment pollution. 2/ Order of numbered assembly ducts must be strictly respected when positioning the DuraNet reels in order to avoid connection misdoings resulting in twisted ducts for instance.