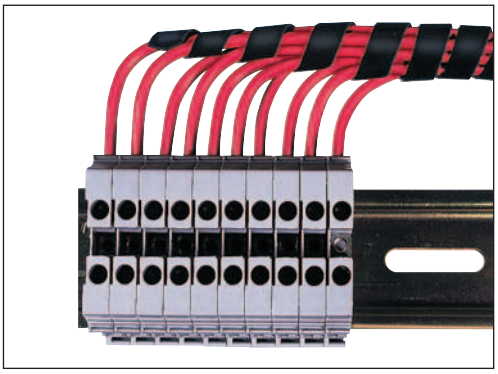
Spiral Binding
for Ø 1,5 to 100 mm

PLIOSPIRE

PLIOSPIRE PE

	PE	PE-AF
Materials:	polyethylene	polyethylene (flame resistant)
Operating temperatures:	-50 to +85°C	-50 to +75°C
Density:	0,92	0,97
Tensile strength:	12 N/mm²	12 N/mm²
Ultimate elongation:	550 %	400 %
Dielectric strength:	> 25 kV/mm	> 25 kV/mm
Flammability:	-	V2 UL94
Specifications:	HF	some halogene



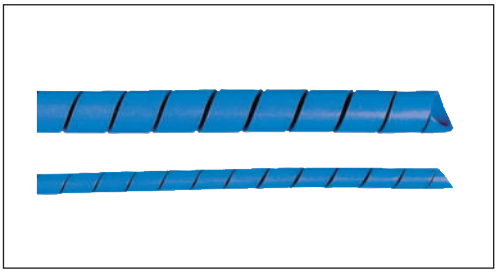
type	article number natural 018	red 007	orange 005	blue 002	yellow 004	grey 013	black 010	capacity Ø mm	Ø o.d. mm	wall thickness (mm)	helix pitch mm	m
PE 3	0819 0001 018	0819 0024 007	0819 0024 005	0819 0024 002	0819 0024 004	0819 0004 013	0819 0004 010	1,5...7	3	0,75	5	50
PE 6	0819 0002 018	0819 0025 007	0819 0025 005	0819 0025 002	0819 0025 004	0819 0005 013	0819 0005 010	5...20	6	0,8	12	25*
PE 12	0819 0003 018	0819 0026 007	0819 0026 005	0819 0026 002	0819 0026 004	0819 0006 013	0819 0006 010	10...40	12	1	16	25*
PE 17	0819 0029 018	-	-	-	-	-	0819 0029 010	20...60	17	1,4	24	25
PE 22	0819 0021 018	-	-	-	-	-	0819 0022 010	25...100	22	1,4	24	25

type	article number white 001	capacity Ø mm	Ø o.d. mm	wall thickness mm	helix pitch mm	m
PE 3 AF	0819 0007 001	1,5...7	3	0,75	5	50
PE 6 AF	0819 0008 001	5...20	6	0,8	12	25*
PE 12 AF	0819 0009 001	10...40	12	1,5	10	25*
PE 22 AF	0819 0023 001	25...100	22	1,5	10	25

* To facilitate the hooping, a PLIOSPIRE guide is delivered with each package for types 6 and 12.

PLIOSPIRE PVC

Material:	PVC quality 9921
Operating temperatures:	-15 to +80°C
Density:	1,30
Tensile strength:	25 N/mm²
Ultimate elongation:	300 %
Dielectric strength:	20 kV/mm



type	article number transparent 011	red 007	blue 002	yellow 004	white 001	black* 010	capacity Ø mm	Ø o.d. mm	wall thickness mm	helix pitch mm	m
PVC 3	0819 0013 011	0819 0013 007	0819 0013 002	0819 0013 004	0819 0013 001	0819 0013 010	1,5...7	3	0,75	5	50
PVC 6	0819 0014 011	0819 0014 007	0819 0014 002	0819 0014 004	0819 0014 001	0819 0014 010	5...20	6	1	8	25*
PVC 12	0819 0015 011	0819 0015 007	0819 0015 002	0819 0015 004	0819 0015 001	0819 0015 010	10...40	12	1,5	10	25*

** colour black: weather resistant.

Spiral Binding
for Ø 2 to 40 mm depending on model

PLIOSPIRE

PLIOSPIRE

	PP	PA	PTFE
Materials:	polypropylene weather resistant	polyamid weather resistant	polytetrafluorethylene for extreme temperatures
Colours:	black	black	natural (translucent)
Operating temperatures:	-40 to +90°C	-40 to +120°C	-200 to +260°C
Density:	0,90	1,08	2,20
Tensile strength:	30 N/mm²	35 N/mm²	20 N/mm²
Ultimate elongation:	500 %	240 %	300 %
Dielectric strength:	>25 kV/mm	16 kV/mm	50 kV/mm
Flammability:	-	HB UL94	V0 UL94
Specifications:	HF	HF	-



type	article number PP black 010	type	article number PA black 010	capacity Ø mm	Ø o.d. mm	wall thickness mm	helix pitch mm	m
PP 3	0819 0010 010	**PA 3**	0819 0016 010	2...7	3	0,4	5	50
PP 6	0819 0011 010	**PA 6**	0819 0017 010	5...20	6	0,6	8	25*
PP 12	0819 0012 010	**PA 12**	0819 0018 010	10...40	12	0,8	10	25*

* To facilitate the hooping, a PLIOSPIRE guide is delivered with each package for types 6 and 12.

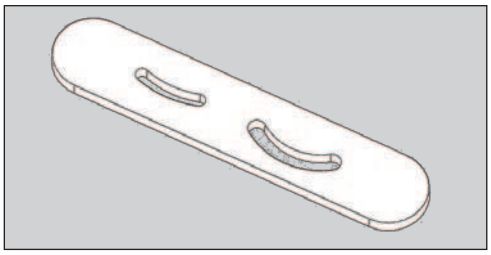
type	article number PTFE natural 001	capacity Ø mm	Ø o.d. mm	wall thickness mm	helix pitch mm	m
PTFE 3	0819 0019 001	2...7	3	0,5	5	10
PTFE 6	0819 0020 001	5...20	6	0,75	8	10*

All PLIOSPIRE cable bindings can be supplied in customised lengths. Please ask our sales staff.

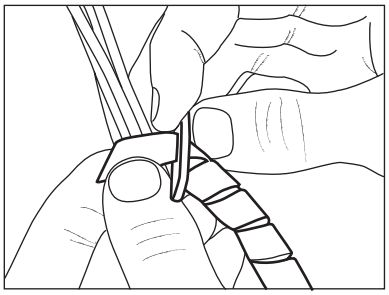
• PLIOSPIRE Tool (for easier application)

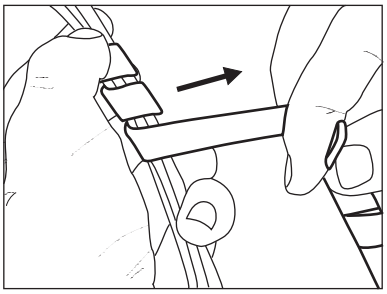
type	article number	for types	
Tool	0819 0101 001	6 - 12	10

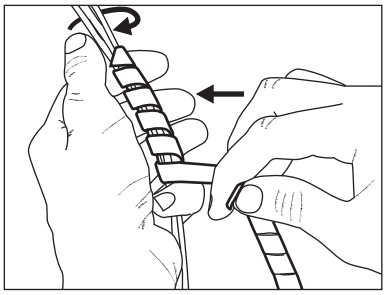
Operating instruction in video



How to use the PLIOSPIRE tool:







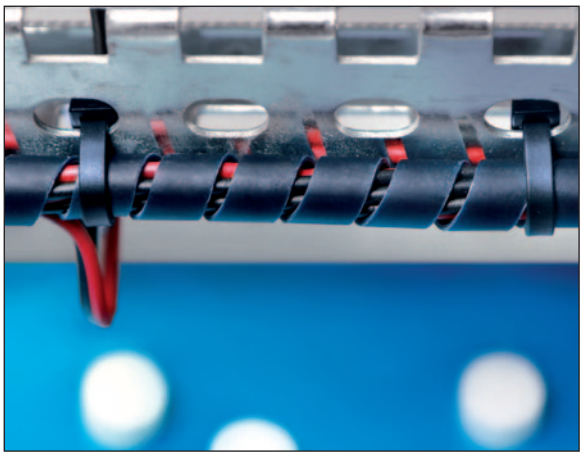
Spiral binding
sensitive to metal detectors

PLIOSPIRE MDE

PLIOSPIRE MDE

Material: Polypropylene with metal particles
Colour: metal blue
Operating temperatures: -20 to +70°C
Ultimate elongation: 100 %
Chemical resistance: good resistance to acids, alkalis and detergents
Specification: adapted to the success of a HACCP** processes.

Application: The presence of metal particles in the spiral binding allows for easy detection thanks to any metal detector. This spiral binding is thus used in electrical equipment boxes or chains of production in food and pharmaceutical industries to limit the risks of product contamination.



** HACCP : Hazard Analysis Critical Control Point

type	article number 093	capacity Ø mm	Ø o.d. mm	wall thickness mm	helix pitch mm	m
PP6 MDE	0819 0082 093	5...20	6	0,8	8	25
PP12 MDE	0819 0083 093	10...40	12	1	10	25

The spiral binding PLIOSPIRE MDE is available in special lengths upon request.
Please consult us.

C12/3-01 - Cable ties SL MDE



C12/3-02 - Fixing accessories



B7/3-07 - Identification system



PLIOSPIRE ESD

New

Material: Polyolefin, electrically conducting material (ESD)

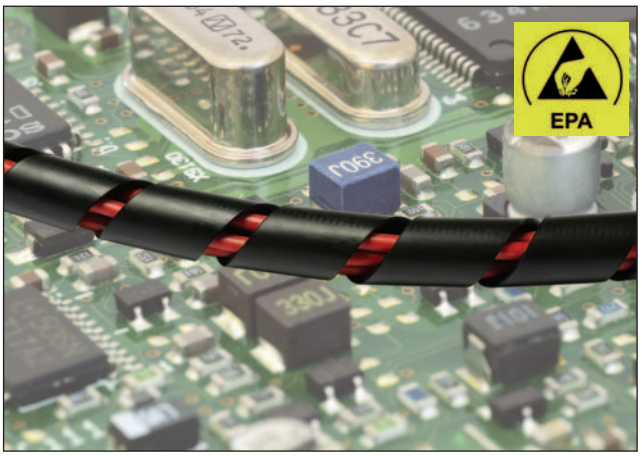
Colour: black

Operating temperatures: -50 to +60°C

Ultimate elongation: > 600 %

Surface resistivity: ≤10E4 Ω

Application: the antistatic PLIOSPIRE spiral binding prevents the accumulation of charges for the protection of the installations. It must be grounded for optimal efficiency. For use in EPA (ESD Protected Area) areas.



type	article number	capacity Ø mm	Ø o.d. mm	wall thick-ness mm	helix pitch mm	m
PE 3 ESD	0819 0035 010	1,5...7	3	0,75	5	50
PE 6 ESD	0819 0036 010	5...20	6	0,8	8	25
PE 12 ESD	0819 0037 010	10...40	12	1	16	25

The spiral binding PLIOSPIRE ESD is available in special lengths upon request.
Please consult us.