

POLYFLEX NP



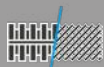
POLYFLEX NP



Mechanical & Abrasion Protection
Compression resistance



Convoluted Tubing



Slit or Non Slit



Polypropylene
Polyamide
Thermoplastic elastomer



- LD-PE_BS*, PP Std*, PP BS*, PPMod*, PA6*, PA6 BS*, PAER*, TPC-EE*, EFTE-TOP 200 : black

- PPMod*, PA6* : orange

Other colors upon request.

*Different marking and stripes can be proposed.



Low: -40°C (-40°F)
High: 200°C (392°F)



Suited for harsh environments
Compression resistance

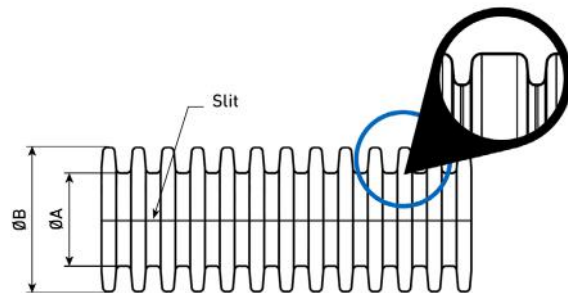
PHYSICAL PROPERTIES

Physical properties	Spec	LD-PE_BS (LD-PE)	PP Std (PP)	PA6 Std (PA6)	PA6 BS (PA6)	PP BS (PP)	PPMod (PP)	PAER (PA6)	TPC-EE (TPC-EE)	ETFE-TOP 200 (ETFE)
Thermal properties										
Long term aging (3000h)	-	80°C	105°C	120°C	120°C	125°C	135°C	150°C	175°C	200°C
Short term aging	-	240h / 90°C	350h / 135°C	240h / 150°C	240h / 150°C	240h / 150°C	240h / 160°C	240h / 175°C	187h / 190°C	240h / 225°C
Other properties										
Density (g/cm ³)	ISO 1183	0.94	0.91	1.13	1.2	0.91	0.91	1.13	1.26	1.74
Flammability (mm/min)	FMVSS 302	self-ext.	< 100	< 100	V0 (UL94)	V2 (UL94)	self-ext.	self-ext.	< 100	self-ext.
Chemical resistance	Resists the majority of chemicals and automotive fluids									

DIMENSIONS

Designation	ID A Ø (mm)*	OD B Ø (mm)*
POLYFLEX NP 03	2.8	5.1
POLYFLEX NP 04.5	5.0	7.1
POLYFLEX NP 06	6.0	9.2
POLYFLEX NP 07.5	6.9	9.9
POLYFLEX NP 08.5	8.5	11.6
POLYFLEX NP 10	10.1	12.7
POLYFLEX NP 12	12.0	15.6
POLYFLEX NP 13	12.9	15.8
POLYFLEX NP 14	14.5	18.3
POLYFLEX NP 16	15.2	18.8
POLYFLEX NP 17	16.8	21.0
POLYFLEX NP 19	19.4	24.0
POLYFLEX NP 22	21.8	25.5
POLYFLEX NP 23	23.7	28.0
POLYFLEX NP 26	26.4	31.3
POLYFLEX NP 29	29.3	33.9
POLYFLEX NP 37	36.7	42.0
POLYFLEX NP 50	47.8	53.6

* Dimensions may vary depending on the material grade.
Please refer to your Delfingen Sales Representative for further information.



PACKAGING

Containers
Coils
Cut lengths