

OVAL TUBING



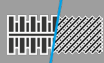
OVAL TUBING



Mechanical & Abrasion Protection
Compression resistance
Wire Routing & Fastening



Specialty Convoluted Tubing



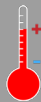
Slit or Non Slit



Polyethylene
Polypropylene
Polyamide



Standard: Black, orange



Low: -40°C (-40°F)
High: 130°C (257°F)



100% Customized profile construction
Flexible or combination of flexible and rigid sections
Wire routing and management
Flat wire bundle

PHYSICAL PROPERTIES

Physical properties	Spec	PE10* [PE]	PPSD [PP]	PP1 [PP]	PP3 [PP]	HHPP [PP]	PP5* [PP + modifier]
Thermal properties							
Long term aging (3000h)	-	85°C		100°C			125°C
Short term aging	-	168h / 115°C		240h / 125°C			240h / 150°C
Other properties							
Density (g/cm ³)	ASTM D792	0.94	0.90	0.90	0.93	0.95	1.03
Flammability (mm/min)	FMVSS 302 UL94	< 100 HB	< 100 -	< 100 HB	self-ext. -	< 75 (ISO 3795) HB	< 100 HB
Chemical resistance	Resists the majority of chemicals and automotive fluids						

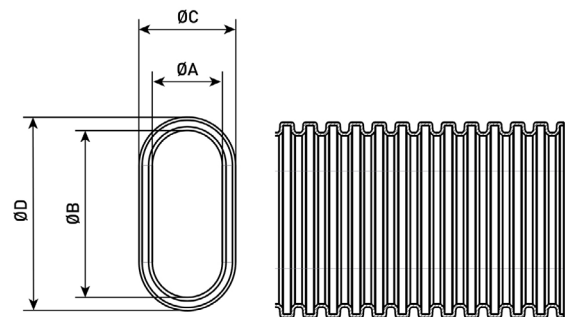
*US Market only

Physical properties	Spec	N6FR [PA6]	PPME [PP]	NC7* [PA6 compound]	N24 [PA6 compound]	PPMOD-01 [PP + modifier]
Thermal properties						
Long term aging (3000h)	-	125°C		125°C		130°C
Short term aging	-	240h / 150°C		168h / 150°C		48h / 150°C
Other properties						
Density (g/cm ³)	ASTM D792	1.13	0.92	1.06	1.08	0.91-0.93 (ISO 1183)
Flammability (mm/min)	FMVSS 302 UL94	self-ext. V2	self-ext. -	< 100 HB	< 75 HB	< 75 V2
Chemical resistance	Resists the majority of chemicals and automotive fluids					

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DIMENSIONS

Designation	A Ø (mm)	B Ø (mm)	C Ø (mm)	D Ø (mm)
OVAL TUBING 06X21	6.5	21.5	9.6	24.6
OVAL TUBING 07.4X35.4	7.4	35.4	12.5	40.0
OVAL TUBING 07.5X55	7.4	55.4	12.0	60.0
OVAL TUBING 10X25 NW	10.5	25.5	14.9	30.0
OVAL TUBING 12X35 NW	11.6	34.5	18.3	41.3
OVAL TUBING 15X55 NW	14.4	54.3	22	61.9
OVAL TUBING 20X34	19.8	34.0	24.8	39.0
OVAL TUBING 20X43.9	20.0	43.9	24.8	48.8



PACKAGING

Cut lengths from 100 to 1,200 mm
(Other lengths upon request only)