

US COT (ENGLISH SIZES)



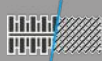
US COT (ENGLISH SIZES)



Mechanical & Abrasion Protection
Compression resistance



Convoluted Tubing



Slit or Non Slit



Polyethylene
Polyamide
Polypropylene
Polyester



Standard: Black, orange
Option: Other colors upon request.



Low: -40°C (-40°F)
High: 150°C (302°F)



Conform to American Specifications
Compression resistance

PHYSICAL PROPERTIES

Physical properties	Spec	PE10 (PE)	PEFR (PE)	PP1 (PP)	PP3 (PP)	HPPP (PP)
Thermal properties						
Long term aging (3000h)	-	85°C	85°C	100°C	105°C	125°C
Short term aging (240h)	-	115°C / 168h	115°C / 168h	125°C / 240h	125°C / 240h	150°C / 240h
Other properties						
Density (g/cm ³)	ISO 1183	0.94	1.01*	0.90	0.93	0.91
Flammability (mm/min)	FMVSS 302 UL 94	< 100 HB	self-ext. V2	< 100 HB	self-ext. -	<100 -
Oxygen index (%)	JIS K 7201	-	-	> 15	> 23.5	-
Chemical resistance	Resists the majority of chemicals and automotive fluids					

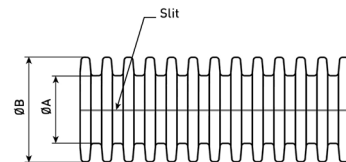
Physical properties	Spec	PPME AR (PP + anti-rodent)	PP5 (PP + modifier)	NC7 (PA6 compound)	N24 (PA6 compound)	N6FR (PA6)	TPEE2 (Thermoplastic Copolyester)
Thermal properties							
Long term aging (3000h)	-	125°C	125°C	125°C	125°C	125°C	150°C
Short term aging	-	150°C / 240h	150°C / 240h	150°C / 168h	150°C / 168h	150°C / 240h	175°C / 240h
Other properties							
Density (g/cm ³)	ISO 1183	0.92	1.03	1.06	1.08	1.13	1.26
Flammability (mm/min)	FMVSS 302 UL 94	self-ext. -	< 100 HB	< 100 HB	< 75 HB	self-ext. V2	< 100 -
Oxygen index (%)	JIS K 7201	-	-	-	-	27	-
Chemical resistance	Resists the majority of chemicals and automotive fluids						

*ASTM D792

DIMENSIONS

Designation	ID (Ø A)		OD (Ø B)	
	mm	inches	mm	inches
1/8"	4.50	0.177	6.70	0.264
1/4"	7.15	0.281	9.60	0.378
5/16"	8.20	0.323	10.60	0.417
3/8"	10.70	0.421	13.60	0.535
7/16"	11.55	0.447	15.35	0.609
1/2"	13.15	0.518	17.15	0.675
19/32"	15.40	0.606	19.80	0.780
5/8"	16.90	0.665	20.70	0.815
3/4"	19.35	0.762	23.70	0.933
1"	23.30	0.917	28.30	1.114
1 1/16"	27.00	1.063	34.20	1.346

Designation	ID (Ø A)		OD (Ø B)	
	mm	inches	mm	inches
1 1/8"	30.80	1.213	37.20	1.465
1 1/4"	33.10	1.303	38.70	1.524
1 3/8"	35.00	1.378	41.60	1.638
1 1/2"	39.50	1.555	47.40	1.866
2"	47.50	1.870	54.80	2.157



PACKAGING

Containers
 Half-containers
 Coils
 Cut lengths from 15 to 2,000 mm
 (Other lengths upon request only)