

# US COT (METRIC SIZES)



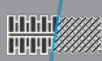
## US COT (METRIC SIZES)



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	85	105	105	125
Short term aging	-	115°C / 168h	115°C / 168h	125°C / 240h	125°C / 240h	150°C / 240h
Other properties						
Density (g/cm <sup>3</sup> )	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					

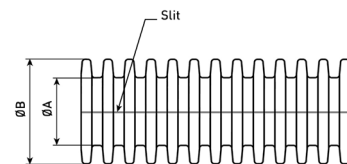
Physical properties	Spec	PP5 (PP + modifier)	NC7 (PA6 compound)	N24 (PA6 compound)	N6FR (PA6)	TPEE2 (Thermoplastic Copolyester)
Thermal properties						
Long term aging (3000h)	-	125	125	125	125	150
Short term aging	-	150°C / 240h	150°C / 168h	150°C / 168h	150°C / 240h	175°C / 240h
Other properties						
Density (g/cm <sup>3</sup> )	ISO 1183	1.03	1.06	1.08	1.13	1.26
Flammability (mm/min)	FMVSS 302 UL 94	< 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
05	5.4	0.213	7.55	0.297
06	6.2	0.244	9.45	0.372
07	7.4	0.291	10.00	0.394
08	7.6	0.299	11.40	0.449
09	8.75	0.344	12.60	0.496
10	10.55	0.415	13.90	0.547
13	13.15	0.518	17.40	0.685
14	14.5	0.571	17.50	0.689
15	15.2	0.598	19.40	0.764
16	16.4	0.646	20.50	0.807
19	19.5	0.768	23.70	0.933
22	22.8	0.898	28.80	1.134

Designation	ID (Ø A)		OD (Ø B)	
	mm	inches	mm	inches
25	26.2	0.984	31.90	1.256
28	28	1.102	34.00	1.339
29	29.3	1.154	35.40	1.394
30	30.5	1.201	37.80	1.488
32	32.4	1.276	38.20	1.504
37	36.4	1.433	42.00	1.654
40	40	1.575	48.80	1.921



## PACKAGING

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