

PHYSICAL PROPERTIES

Standard polypropylene **(A)**

Heat stabilized polypropylene **(B)**

Heat stabilized flame retardant polypropylene **(C)**

High heat polyester **(D)**

High heat flame retardant polyester **(E)**

Physical properties	Spec	Unit	A	B	C	D	E
Thermal properties							
Continuous temperature of use - min/max	-	°C (°F)	-40/100 (-40/212)	-40/125 (-40/257)	-40/125 (-40/257)	-40/150 (-40/302)	-40/150 (-40/302)
Peak temperature	-	°C (°F)	125 (257)	150 (302)	150 (302)	175 (347)	175 (347)
Mechanical properties							
Tensile strength at break	ISO 527	MPa	>27.5	25	17	48*	-
Elongation at yield	ISO 527	%	-	11	-	-	-
Elongation at break	ISO 527	%	>600	500	>600	750*	-
Tensile modulus	ISO 527	MPa	-	-	-	-	350
Izod notched impact strength (23°C/73°F)	ASTM D256	kJ/m ²	-	-	-	no break	N
Izod notched impact strength (-30°C/-22°F)	ASTM D256	kJ/m ²	-	-	-	no break	8
Other properties							
Density	ISO 1183	g/cm ³	0.90	0.91	0.92	1.26	1.27
Flammability	FMVSS 302	mm/min	<100	<100	self-extinguishing	<100	self-extinguishing

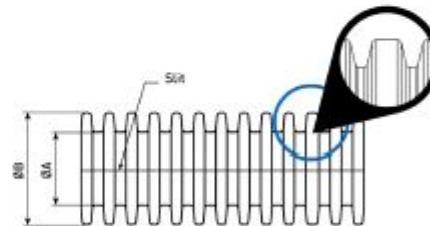
Chemical resistance

Resists the majority of chemicals and automotive fluids

(* ASTM D638 spec.)

DIMENSIONS

Designation	ID A Ø (mm)	OD B Ø (mm)
SOFORD 04.5	4.65	7.1
SOFORD 06	6.65	9.65
SOFORD 07.5	7.4	10.2
SOFORD 08.5	8.6	11.7
SOFORD 10	9.1	12.8
SOFORD 12	11.6	15.4
SOFORD 13	13	17.25
SOFORD 14	14.3	18.6
SOFORD 16	15.2	19.5
SOFORD 17	16.5	20.9
SOFORD 19	19.5	23.8
SOFORD 22	22.1	27
SOFORD 23	23.5	28.75
SOFORD 26	25.8	31.8
SOFORD 29	29.3	36.15
SOFORD 32	32.05	39.65



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