



Mechanical & Abrasion Protection
Crush resistance



Convoluted Tubing



Slit or Non Slit



Polypropylene
Polyamide
Polyester



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



Low: -40°C (-40°F)
High: 175°C (347°F)



Options: Polypropylene in a UL 94 V-0 grade (following validation steps)
Assembly tool for easy installation
Compatibility: Branching and fastening Delfingen accessories



Suited for harsh environments
Crush resistance
Conform to European specification

PHYSICAL PROPERTIES

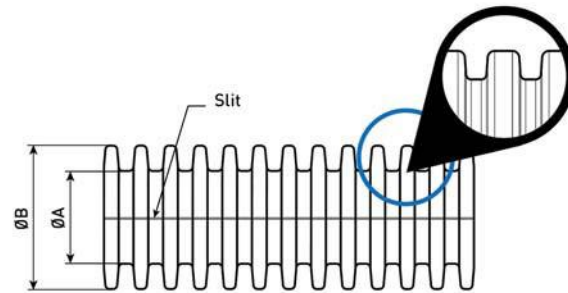
Standard & flame retardant PP[A]
 High heat & high heat flame retardant PP[B]
 Standard polyamide[C]
 High heat impact modified pp[D]

Low heat stabilized & flame retardant PA[E]
 Heat stabilized & flame retardant PA[F]
 Polyester flame retardant[G]

Physical properties	Spec	Unit	A	B	C	D	E	F	G
Thermal properties									
Continous temperature of use – min/max	-	°C(°F)	-40/100 (-40/212)	-40/125(-40/257)	-40/130 (-40/266)	-40/140 (-40/284)	-40/150 (-40/302)	-40/150-175 (-40/302-347)	-40/150-175 (-40/302-347)
Peak temperature	-	°C(°F)	125(257)	150(302)	155(311)	165(329)	175(347)	175-200 (347-392)	175-200 (347-392)
Mechanical properties									
Tensile strength at break	ISO 527	M Pa	>27.5	17 - 20	85	>27.5	45	100	-
Elongation at break	ISO 527	%	>600	>600	>45	>50	20	700	-
Tensile modulus	ISO 527	M Pa	-	-	-	-	-	750	350
Izod notched impact strength(23°C/73°F)	ISO 180	kJ/m ²	-	-	-	-	-	-	N
Izod notched impact strength(-30°C/-22°F)	ISO 180	kJ/m ²	-	-	-	-	-	-	8
Other properties									
Density	ISO 1183	g/cm ³	0.90-0.94	0.91-0.97	1.13	0.98	1.15	1.15	1.27
Flammability	FMVSS 302	mm/min	<100 self-exting.	<100 self-exting.	<100	<100	self-exting.	self-exting.	self-exting.
Chemical resistance	Resists the majority of chemicals and automotive fluids								

DIMENSIONS

Designation	ID A Ø(mm)	OD B Ø(mm)
SOFLEX 04.5	4.5	7.2
SOFLEX 06	6.65	9.6
SOFLEX 09	9.4	13.25
SOFLEX 11	12.3	16.4
SOFLEX 13	14.05	18.4
SOFLEX 16	16.35	21.15
SOFLEX 19	19.25	24
SOFLEX 23	23.5	28.6
SOFLEX 26	25.8	31.65
SOFLEX 29	29.3	35.9
SOFLEX 32	32.05	39.4



APPROVALS

Direct: Fiat, Opel, Peugeot-Citroen, Renault-Nissan, Renault Trucks/ Volvo Trucks	Via Tier-1: Ashok Leyland, Dongfeng Motr, Mahindra, Tata Motors
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PACKAGING

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