

SUFLEX® EXTENDO™



		1/8" nom.	1/4" nom.	3/8" nom.	1/2" nom.	3/4" nom.	1" nom.	1 1/4" nom.	1 1/2" nom.	1 3/4" nom.	2" nom.	2 1/2" nom.
PET	Min/Max	3/32-1/4	1/8-1/2	1/4-5/8	1/4-3/4	1/2-1 1/4	3/4-1 1/2	3/4-1 3/4	1-2 1/2	1 1/4-2 1/2	1 1/2-3	1 3/4-3 1/2
	lbs/100'	.17	.27	.52	.8	1.21	1.59	1.67	1.97	2.86	3.3	3.85
PETHD	Min/Max	-	-	3/8-1/2	1/4-3/4	3/4-1 1/4	See	See	1-2	See	1 1/2-3	See
	lbs/100'	-	-	.83	1.4	1.65	3/4"	1 1/2"	2.83	1 1/2"	3.83	2"
PET TW	Min/Max	-	1/4-5/16	3/8-5/8	1/2-5/8	3/4-1	1-1 3/8	-	1-1 7/8	-	-	-
	lbs/100'	-	.36	.82	.83	.85	1.41	-	2.48	-	-	-
PETFR	Min/Max	3/32-1/4	1/8-1/2	1/4-5/8	1/4-3/4	1/2-1 1/4	3/4-1 1/2	3/4-1 3/4	1 1/4-2 1/4	1 1/2-2 1/2	1 1/2-3	2-3 1/2
	lbs/100'	.17	.22	.43	.66	1.09	1.29	1.44	1.96	2.41	3.3	3.7
PET FRTW	Min/Max	1/8-13/64	1/4-3/8	See	1/2-5/8	3/4-1	1-1 3/8	1 1/4-1 5/8	1 1/2-1 7/8	1 3/4-2 3/8	2-2 1/2	2 1/2-3
	lbs/100'	.26	.32	1/4"	.73	.91	1.26	1.9	2.32	2.61	3.02	3.69
HAL	Min/Max	3/32-1/4	1/8-1/2	1/4-1/2	1/4-3/4	1/2-1 1/4	See	3/4-1 3/4	-	1 1/4-2 1/2	1 3/4-3	1 1/2-3 1/2
	lbs/100'	.29	.41	.38	1.32	1.7	3/4"	2.6	-	4.0	4.8	5.98
PEEK	Min/Max	1/8-1/4	1/4-1/2	See	1/2-7/8	See	3/4-1 1/2	See	See	See	1 1/2-2 1/2	2-3
	lbs/100'	.176	.25	1/4"	.78	1/2"	1.5	1"	1"	2"	3.03	3.43
PPS	Min/Max	1/8-3/16	3/16-1/4	See	3/8-1/2	5/8-7/8	See	7/8-1 3/8	See	1 1/4-1 3/4		
	lbs/100'	.21	.36	1/2"	.74	.87	1 1/4"	1.61	1 3/4"	1.75		
TFE	Min/Max	1/8-13/64	1/4-5/16	3/8-5/8	1/2-3/4	3/4-1	1-1 1/4	1 1/4-1 1/2	See	-	2-3	See
	lbs/100'	.53	.73	2.1	2.74	3.4	4.3	5.1	1 1/4"		9.4	2"
Fiberglass	Min/Max	1/16-5/16	1/8-3/8	1/4-1/2	3/8-5/8	5/8-7/8	7/8-1 1/8	1 1/8-1 3/8	1 3/8-1 5/8	1 5/8-1 7/8	1 7/8-2 1/8	2-3
	lbs/100'	.3	.5	.72	.79	.94	1.28	4.16	9.25	10.92	14.0	25.0
		1/8" nom.	1/4" nom.	3/8" nom.	1/2" nom.	5/8" nom.	3/4" nom.	7/8" nom.	1" nom.	1 1/2" nom.		
Kevlar®	-	1/8	1/4	3/8	1/2	5/8	3/4	-	1	1 1/2	-	-
	lbs/100'	.35	.44	.66	.62	.68	1.29	-	1.65	2.73	-	-
Nomex®	-	1/8	1/4	3/8	1/2	5/8	3/4	7/8	-	-	-	-
	lbs/100'	.32	.49	.48	.86	.82	1.23	1.24	-	-	-	-
Ceramic	-	1/8	1/4	3/8	-	5/8	3/4	-	1	-	-	-
	lbs/100'	.39	.61	.58	-	2.08	1.21	-	3.4	-	-	-

This chart shows the dimensional characteristics of various EXTENDO Sleeveings. Shown under each nominal size are the minimum size, maximum expansion and weight per 100 feet.

Other members of the QUIN-T Group are:



Powell Corporation



EXTENDO™

SUFLEX

SUFLEX® EXTENDO™



INSULATION SOLUTIONS



EXPANDABLE, PROTECTIVE SLEEVING FOR ALL APPLICATIONS

	EXTENDO PET™	EXTENDO PET HD™	EXTENDO PET TW™	EXTENDO PET FR™	EXTENDO PET FRTW™	EXTENDO HAL™	EXTENDO PEEK™	EXTENDO PPS™	EXTENDO TFE™	EXTENDO Nomex®	EXTENDO Fiberglass	EXTENDO Kevlar®	EXTENDO Ceramic
Nominal I.D. (inches)	1/8" - 2 1/2"	1/8" - 2 1/2"	1/8 - 2 1/2"	1/8" - 2 1/2"	1/8" - 2 1/2"	1/8" - 2"	1/8" - 2 1/4"	1/8" - 1 3/4"	1/8" - 1 1/4"	1/8" - 1 1/4"	1/8" - 2 1/2"	1/8" - 1"	1/8" - 3"
Size Range (Inches)	3/32" - 4"	3/32" - 3 1/2"	3/32" - 3"	3/32" - 4"	3/32" - 3"	3/32" - 3"	3/32 -3"	3/32" - 2 1/2"	1/16" - 1 1/2"	1/8" - 1 1/4"	1/32" - 3 1/2"	1"	3"
Operating temperature	-70°C to +125°C	-70°C to +125° C	-70°C to +125 °C	-70°C to +125°C	-70°C to +125°C	-70°C to +150°C	-70°C to +250°C	-70°C to +125°C	-70°C to +250°C	-70°C to +350°C	312°C	-70°C to +250°	-70° C to +1204°C
UL Listing	UL1441	NA	NA	VW1 UL1441	VW1 UL1441	VW1 UL1441	NA	NA	NA	NA	NA	NA	NA
CSA Certified	Standard C22-2 Class 5836-01	NA	NA	Standard C22-2 Class 5836-01	Standard C22-2 Class 5836-01	Standard C22-2 Class 5836-01	NA	NA	NA	NA	NA	NA	NA
Fire retardant	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Abrasion Resistance	Good	Excellent	Excellent	Good	Excellent	Good	Excellent	Good	Excellent	Excellent	Good	Excellent	Excellent
Fluid Resistance	Good	Good	Good	Good	Good	Excellent	Excellent	Good	Excellent	Excellent	Good	Excellent	Excellent
Color	Black, Natural, Colors	Black, Natural	Black, Natural, Colors	Black or Natural with Cross Tracer	Black or Natural with Cross Tracer	Black or Natural with 1 tracer	Black or Tan with Cross Tracer	Black or Tan	Clear	Camouflage, Natural, Sage Green (dyeable)	White	Natural (Yellow dyeable)	White
Material Content	PET Monofilament	PET Monofilament	PET Monofilament	Flame Retardant PET Monofilament	Flame Retardant PET Monofilament	Flame Retardant Halar® Monofilament	Flame Retardant Polyetheretherketone	Flame Retardant Ryton® Monofilament	Flame Retardant Teflon® Monofilament	Flame Retardant Nomex® Aramid Fiber	Glass Fiber	Flame Retardant Kevlar® Aramid Fiber	Nextel® 312 Ceramic Fiber
Application	General purpose material. Widely used in automotive, telecommunications, electrical and general manufacturing.	Designed for high abrasion environ- ments. Suitable for electrical, outdoor, marine and automo- tive applications.	Excellent for high abrasion resistance. Used in automotive, aviation and hy- draulic cover applica- tions.	Flame resistant material widely used in automotive, avia- tion and space applications	Similar applications to Extendo PET TW™ with the added bene- fit of a flame retar- dant additive.	High-temperature material with excel- lent fluid resistance. For wire bundle cov- ering.	Self extinguishing. Light weight with low outgassing.	Flame resistant and high-temperature material. Virtually unaffected by a broad range of chemicals.	Applications include uses where high heat, fluid and abra- sion resistance are important.	High-performance material that's heat, flame and abrasion resistant.	High-temperature, low-cost material for automotive and electrical applica- tions.	Extremely high ten- sile strength. Excellent chemical and cut resistance.	Ideal for high-tem- perature applica- tions. Excellent abra- sion and fluid resist- ance.



Abrasion Resistant • Easy to Handle and Install
Removable for Repair • Lightweight • Flexible

Suflex EXTENDO™ is an expandable sleeving that is lightweight and self-fitting. EXTENDO™ is designed to protect and restrain wires, wire bundles, cables, hoses and flat or ribbon cable assemblies. EXTENDO™ is flexible and readily adjusts to irregular surfaces and contours. It is used in electronic, electrical, automotive, aviation, industrial, telecommunications and motor applications.

Suflex, Incorporated • 55 Main St. • Newmarket, NH 03857 • Email: info@suflex.com
Voice: (800) 826-1669 • (603) 659-5555 • Fax: (603) 659-5913 • www.suflex.com

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