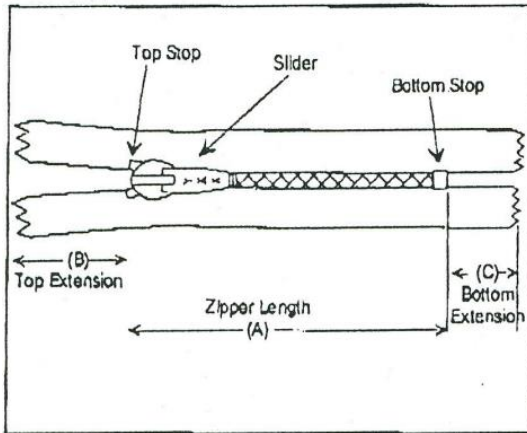


Material Data Sheet | Large Tooth Zipper



BREAKING STRENGTH (Test Methods ASTM D-2061 Avg.)

CHAIN CROSSWISE (kgf)	51
CHAIN FOLDED CROSSWISE (kgf)	30
HOLDING STRENGTH OF SLIDER LOCK (kgf)	1.5
TOP STOP HOLDING (kgf)	16.5
BTM STOP HOLDING, STRINGER SEPARATION (kgf)	9.2

DIMENSIONS

(A) ZIPPER LENGTH	Min. 4½" (inch)	114 (mm)
	Max. 44" (inch)	1118 (mm)
ZIPPER LENGTH TOLERANCE	REFERENCE: CID (3.10)	
(B) TOP EXTENSION	¾ (inch)	20 (mm)
(C) BOTTOM EXTENSION	¾ (inch)	20 (mm)

MATERIAL SPECIFICATIONS

CHAIN	3CF 7/16 Chain		SLIDER	Free type with two pull tabs	
	TAPE	Polyester Textured yarn		BODY	Diecast zinc
	CORD	Polyester		PULL	Diecast zinc
	ELEMENT	Polyester Monofilament		COVER	Diecast zinc
	SEW THREAD	Polyester Filament Yarn		LOCKPIN	N/A
			TOP STOP	Brass, nickel plate	
			Bottom Stop	Aluminum, Enamel paint	

PROPERTIES

COLOR FASTNESS	CROCKING	AATCC-8	DRY	GRAY SCALE=4-5	WET	GRAY SCALE = 4-5
	WASHING	AATCC-81/3A		GRAY SCALE = 4-5		
	WEATHERING	GM 9125P	100 Hrs.	On tone fade - prolonged exposure to sunlight.		
SHRINKAGE AT BOIL	ASTM D2258	3% at boil				
OPERATING TEMPS	Degrees F	391 ° F	MELTING POINT	358° F <5 MIN.	266° F CONTINUOUS	
FRAY RESISTANCE	Mil F 21840	< 1/32 after 5 Launderings				
CHEMICAL RESISTANCE	ACID	Resistant to weak acids. Dissolves in mineral acids. Avoid concentrated acids.				
	ALKALI	Resistant to strong alkalis-recommend pH <11.5 Temperature < 160° F				
	OXIDIZERS	Moderate resistance. Degraded by strong oxidizers. Keep temp. < 180° F.				
	SOLVENTS	Resistant to most common solvents. Less resistant to chlorinated solvents.				
STERILIZATION	GAMMA(Mrad)	YES (5)	Polyester	YES (2.3)	Delrin	
	AUTOCLAVE	YES	Polyester	NO	Delrin	
WASHING INSTRUCTIONS		Available upon request				

CERTIFICATIONS

GOVERNMENT APPROVED	Comparison to Mil Spec requirements. Available upon request	
NFPA 1971 - 1991 APPROVED	NO	
U.L. APPROVED FLAMMABILITY	UL 1191	NO
	Automotive	PASS FMVSS302
	FAA Aircraft	NO

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