



Tufftex Woven Nylon Abrasion Sleeving Dimensional Specification Sheet

Dimensional Specifications

Spec #	Nom ID Size	Wall Thickness	ID Range	Lay Flat
KTF11800	0.688"	0.040"	0.66-0.76"	1.3125"
KTF12800	0.750"	0.040"	0.77-0.87"	1.8750"
KTF14800	0.875"	0.040"	0.84-1.00"	1.5625"
KTF16800	1.000"	0.045"	0.92-1.08"	1.7360"
KTF18800	1.125"	0.051"	1.05-1.21"	1.9580"
KTF20800	1.250"	0.051"	1.17-1.33"	2.0450"
KTF22800	1.375"	0.052"	1.36-1.49"	2.3500"
KTF24800	1.500"	0.052"	1.51-1.66"	2.5700"
KTF28800	1.750"	0.043"	1.73-1.84"	2.8750"
KTF20800	1.875"	0.045"	1.85-1.97"	3.0000"
KTF32800	2.000"	0.044"	1.99-2.14"	3.4375"
KTF35800	2.188"	0.054"	2.12-2.24"	3.5625"
KTF36800	2.250"	0.051"	2.31-2.46"	3.9000"
KTF40800	2.500"	0.056"	2.47-2.62"	4.0660"
KTF42800	2.625"	0.055"	2.59-2.72"	4.2310"
KTF44800	2.750"	0.046"	2.78-2.94"	4.7700"
KTF48800	3.000"	0.053"	2.86-3.01"	4.5200"
KTF52800	3.250"	0.044"	3.26-3.42"	5.3900"
KTF58800	3.625"	0.047"	3.58-3.73"	5.8230"

Material Property	Test Method	Result	Units
Composition	ASTM D 3677	Solution dyed (black) Texturized nylon-6	N/A
Flammability	MSHA Approved	Flammability: 0	seconds
		Glow: 0	
Abrasion	ISO 6945	PASS :50000	# of cycles
Melting Point	N/A	374-410	°F

Chemical Resistivity	
Gasoline	Very Good
Oil	Very Good
Mineral and Vegetable Oil	Very Good
Alcohols	Very Good
Diluted Bases	Very Good
Diluted Acids	Good
Benzene	Very Good
Acetone	Very Good
Ether	Very Good
Carbone Tetrachloride	Very Good
Chlorine Based Solvents	Very Good
Mildew and Bacteria Growth	Resistant

Tufftex HLC Data

Dimensional Specifications

Part Number	Nom ID		Standard Length	
	in	mm	ft	m
KTFHLC16	1	25	75 and 150	22.8 and 45.7
KTFHLC32	2	51	75 and 150	22.8 and 45.7
KTFHLC48	3	76	75 and 150	22.8 and 45.7
KTFHLC64	4	102	75 and 150	22.8 and 45.7
KTFHLC80	5	127	75 and 150	22.8 and 45.7
KTFHLC96	6	152	75 and 150	22.8 and 45.7
KTFHLC112	7	178	75 and 150	22.8 and 45.7
KTFHLC128	8	203	75 and 150	22.8 and 45.7

Material Specifications

Material	Temperature Rating
Woven 1050 Ballistic Nylon-Urethane coating	Continuous Protection -65 thru 225°F (-54 thru 107°C)



This product is manufactured in a facility whose quality management system is registered to ISO9001:2008



ISO 9001
QMI-SAI Global