

High Temperature Sewing Thread

DESCRIPTION AND ADVANTAGES:

KM600 sewing threads have been specifically designed to replace various types of synthetic and asbestos sewing threads for application at elevated temperature and have been designed specifically for use on removable and reusable insulation jackets, curtains, compensators.

KM600 sewing threads are coated with mainly PTFE lubricant to improve handling characteristics. All Teflon coated sewing threads will not burn or support combustion in normal atmospheres. They are unaffected by fungi and help to resist attacks by acids and alkalis.



PROPERTY	755-12	755-18I	721-70	753-12	GT-12	GT-18	GT-24	GT-27
Fiber	Beta/BC Fiberglass	Beta/BC Fiberglass	Kevlar	Beta/BC Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Diameter (inch)	0.016	0.019	0.015	0.015	0.016	0.019	0.023	0.031
Tensile Str./Lb	12	20	13	12	12	18	25	30
Yards/Lb	2500	1530	2187	3000	2950	1975	1475	920
Reinforced	Stainless steel	Inconel®	Stainless Steel		--	--	--	--
Type of Coating	Teflon	Teflon	--	Teflon	Teflon	Teflon	Teflon	Teflon
Coating %	12	12	--	12	15	15	15	15
Temperature resistance	1000°F	1000°F	1200°F	1000°F	1400°F	1400°F	1400°F	1400°F

PROPERTY	GT-18I	GT-18S/S	RE-760-S	P1320	P1500	NL-1/2	ST-17	CT-2560D	SY-B
Fiber	Fiberglass	Fiberglass	35% Cotton Jacketed	PTFE	PTFE	Kevlar® (aramid)	Silica	Alumina	100% SUS304
Diameter (inch)	0.019	0.019	0.018	0.01	0.01	0.01	0.02	0.02	0.013
Tensile Str./Lb	25	25	8	8	6.7	12	13.2	5	--
Yards/Lb	1975	1975	1800	3760	3300	8400	2870	1510	1550
Reinforced	Inconel®	Stainless steel	65% V2A -Stainless Steel	--	--	--	--	Rayon	
Type of Coating	Teflon	Teflon	--	--	--	--	Teflon	--	--
Coating %	15	15	--	--	--	--	17	--	--
Temperature resistance	1400°F	1400°F	1100°F	500°F	500°F	500°F	1600°F	1800°F	1100°F

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