

**Toho Tenax Continuous Carbon Fiber Nomenclature**

**Toho Tenax** products are sold under different names in different geographic regions. The table below shows the new, unified nomenclature (effective 1 April 2008), along with the old US, Japanese and European nomenclature. These tables are not intended to be comprehensive lists of all products, and not every item is available in every region.

UNIFIED (new)	USA (old)	JAPAN, FAR EAST (old)	EUROPE (old)
HTA40 H15 1K 67tex 15S	G30-400 1K HTA-7W EP01	HTA-W1K H50	HTA 5241 67tex f 1000 S15
HTA40 H13 1K 67tex 15S	G30-500 1K HTA-7W EP01	HTA-W1K H30	-
HTA40 H13 3K 200tex 15S	G30-500 3K HTA-7W EP01	HTA-W3K H30	HTA 5231 200tex f 3000 S15
HTA40 H13 3K 200tex CP	G30-500 3K HTA-7C EP01, C/P	HTA-3K H30	-
HTA40 H13 3K 200tex	G30-500 3K HTA-7C EP01	HTA-3K H30	HTA 5231 200tex f 3000 t0
HTA40 E13 3K 200tex	G30-500 3K HTA-7C EP03	HTA-3K E30	HTA 5131 200tex f 3000 t0
HTS40 E13 3K 200tex	G30-500 3K HTA-7C EP03	HTA-3K E30	-
HTA40 H13 6K 400tex	G30-500 6K HTA-7C EP01	HTA-6K H30	HTA 5231 400tex f 6000 t0
HTA40 E13 6K 400tex	G30-500 6K HTA-7C EP03	HTA-6K E30	HTA 5131 400tex f 6000 t0
HTS40 E13 6K 400tex	G30-500 6K HTA-7C EP03	HTA-6K E30	-
HTA40 H13 12K 800tex	G30-500 12K HTA-7C EP01	HTA-12K H30	-
HTA40 E13 12K 800tex	G30-500 12K HTA-7C EP03	HTA-12K E30	HTA 5131 800tex f12000 t0
HTS40 E13 12K 800tex	G30-500 12K HTA-7C EP03	HTA-12K E30	HTS 5131 800tex f12000 t0
HTS40 F13 12K 800tex	HTS 5631 800tex f12000 t 0	HTA-12K F301	HTS 5631 800tex f12000 t 0
HTS40 F22 12K 800tex S	G30-500 12K HTA-7S F202	HTA-S12K F202	HTS5721 800tex f12000 t0
HTS40 A23 12K 1420tex MC	G30-500 12K A203 MC	MC HTA-12K A302	MC HTA-12K A302
UTS50 E13 12K 800tex	G30-700 12K HTA-7C EP03	UT500-12K E30	UTS 5131 800tex f12000 t0
UTS50 F13 12K 800tex	G30-700 12K HTA-7C F301	UT500-12K F301	UTS 5631 800tex f12000 t0
UTS50 F24 24K 1600tex D	G30-700 24K HTA-7D F402	UT500-D24K F402	UTS 7731 1600tex f24000 t0
IMS40 E13 12K 680tex	G40-600 12K IMA-7C EP03	IM400-12K E30	IMS 3131 680tex f12000 t0
IMS60 E13 12K 410tex	G40-800 12K IMA-5C EP03	IM600-12K E30	IMS 5131 410tex f12000 t0
IMS60 E13 24K 830tex	G40-800 24K IMA-5C EP03	IM600-24K E30	IMS 5131 820tex f24000 t0
HMA35 H13 12K 750tex	G50-300 12K HMA-7C EP01	HM35-12K H30	HMA 2236 750tex f12000 t0
UMS40 A33 24K 800tex	G55-700 24K HMA-5C A303	UM40-24K A303	-
HTR40 F22 24K 1550tex		HTR40 F22 24K 1550 tex	
STS40 F13 24K 1600tex	STS-24K HTA-7C F301	STS-24K F301	STS 5631 1600tex f24000 t0

Basic structure: [Trade name/Mfg. loc] [Fiber Type] [Sizing] [Nominal Filament Count] [tex] [special – twist, metal coated, etc.]

HT – High Tenacity, standard modulus

IM – Intermediate Modulus

A, R, S– Precursor Type

UT – Ultra High Tenacity, std. modulus

HM – High Modulus

UM – Ultra High Modulus

“Tenax®-A” - Made in USA

“Tenax®-J” - Made in Japan

“Tenax®-E” - Made in Europe

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