

Ultrasync F5 TH Ropanyl white FG

Article code: UCRP0718U1

General information

Product group	Ultrasync
Industry segment	General industry; Food: Meat & poultry, Fish & seafood, Bakery
Main product feature	Positive drive, Wear resistant, Wet circumstances

Belt construction

Tension layer		polyester
Number of plies		1
Top side	material	Ropanyl, TPU
	finish	smooth
	color	white
Bottom side	material	Ropanyl, TPU
	finish	profile, H
	color	white

Characteristics

Food Grade (FG)	yes	EC 1935/2004, EU 10/2011; FDA
Oil & Fat resistance	yes	
Antistatic (AS)	no	
ATEX approval	no	

Technical data

Tooth	profile		H	
Hardness	ISO 868	top side	93A Shore	
Thickness		belt	4.3 mm	0.17 in.
		top cover	1 mm	0.04 in.
Weight			3.9 kg/m ²	0.8 lbs/ft ²
Operating temperature	continuous	from / to	-10 / 90 °C	14 / 194 °F
Minimum pulley diameter	flexing		36 mm	1.42 in.
	backflexing		60 mm	2.36 in.
Belt width	maximum		1000 mm	39.37 in.



Fabrication

This information on the fabrication options is general, please contact Ammeraal Beltech to inquire for the specific fabrication possibilities of the belt of your choice.

Open end, prepared splice, spliced endless with mechanical fastener or a pin joint fastener.

Cleats welded or mechanically attached, metal teeth, guides welded or glued.

Covers can be welded, glued, coated or vulkanized onto the back side of the timing belt.

Thermoplastic covers can be embossed.

Perforations, lateral and longitudinal slots, lateral and longitudinal profiles.

Additional information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.
The T10 tooth profile is according to ISO 17396.

Pulley load									
Number of teeth	outer Ø [mm]	Effective Ø [mm]	Ø with flanges [mm]	Max. bore [mm]	Number of teeth	outer Ø [mm]	Effective Ø [mm]	Ø with flanges [mm]	Max. bore [mm]
14	55.23	56.60	62	42	68	273.52	274.89	280	250
15	59.27	60.64	66	46	69	277.57	278.94	284	254
16	63.31	64.68	70	51	70	281.61	282.98	288	258
17	67.35	68.72	74	54	71	285.65	287.02	292	260
18	71.40	72.77	78	58	72	289.69	291.06	296	262
19	75.44	76.81	82	62	73	293.74	295.11	300	266
20	79.48	80.85	86	66	74	297.78	299.15	304	269
21	83.52	84.89	90	70	75	301.82	303.19	308	272
22	87.57	88.94	94	74	76	305.86	307.23	312	276
23	91.61	92.98	98	78	77	309.91	311.28	316	279
24	95.65	97.02	102	82	78	313.95	315.32	320	282
25	99.69	101.06	106	86	79	317.99	319.36	324	286
26	103.74	105.11	110	90	80	322.03	323.40	328	290
27	107.78	109.15	114	92	81	326.08	327.45	332	294
28	111.82	113.19	118	95	82	330.12	331.49	337	300
29	115.86	117.23	122	98	83	334.16	335.53	341	304
30	119.91	121.28	126	101	84	338.20	339.57	345	307
31	123.95	125.32	130	105	85	342.25	343.62	349	310
32	127.99	129.36	134	110	86	346.29	347.66	353	314
33	132.03	133.40	138	113	87	350.33	351.70	357	318
34	136.08	137.45	142	118	88	354.37	355.74	361	322
35	140.12	141.49	147	121	89	358.42	359.79	365	326
36	144.16	145.53	151	126	90	362.46	363.83	369	330
37	148.20	149.57	155	130	91	366.50	367.87	373	334
38	152.25	153.62	159	134	92	370.54	371.91	377	336
39	156.29	157.66	163	138	93	374.59	375.96	381	340
40	160.33	161.70	167	142	94	378.63	380.00	385	344
41	164.37	165.74	171	146	95	382.67	384.04	389	348
42	168.42	169.79	175	150	96	386.71	388.08	393	352
43	172.46	173.83	179	156	97	390.76	392.13	397	356
44	176.50	177.87	183	158	98	394.80	396.17	401	360
45	180.54	181.91	187	162	99	398.84	400.21	405	364
46	184.59	185.96	191	166	100	402.88	404.25	409	368
47	188.63	190.00	195	170	101	406.93	408.30	413	372
48	192.67	194.04	199	174	102	410.97	412.34	417	376
49	196.71	198.08	203	178	103	415.01	416.38	421	380
50	200.76	202.13	207	182	104	419.05	420.42	425	385
51	204.80	206.17	211	186	105	423.01	424.47	430	389
52	208.84	210.21	215	190	106	427.14	428.51	434	392
53	212.88	214.25	219	195	107	431.18	432.55	438	395
54	216.93	218.30	223	199	108	435.22	436.59	442	398
55	220.97	222.34	227	202	109	439.27	440.64	446	401
56	225.01	226.38	231	206	110	443.31	444.68	450	404
57	229.05	230.42	235	210	111	447.35	448.72	454	407
58	233.01	234.47	240	214	112	451.39	452.76	458	410
59	237.14	238.51	244	218	113	455.44	456.81	462	413

60	241.18	242.55	248	222	114	459.48	460.85	466	416
61	245.22	246.59	252	226	115	463.52	464.89	470	420
62	249.27	250.64	256	230	116	467.56	468.93	474	423
63	253.31	254.68	260	234	117	471.61	472.98	478	426
64	257.35	258.72	264	238	118	475.65	477.02	482	430
65	261.39	262.76	268	242	119	479.69	481.06	486	433
66	265.44	266.81	272	246	120	483.73	485.10	490	435
67	269.48	270.85	276	248					

Standard