

Fittings & Tubings



TUBING

TOUCH TUBE

			Polyurethane													
			TE			2 TE			MTP			TELF			SP	
			Standard Roll			Twin			High Flow			Low Friction			Soft	
																
Main Features			● Excellent Tolerance ● Cut Mark each 1m ● Water Resistance ● Paper Drum with 100m 			● Double Type of TE Tube ● One side has Gold Line to indicate IN/OUT			● Inside Diameter is bigger than Standard Roll ● Increasing High Flow, Down Sizing is possible ● MAX Working Pressure is higher than			● Shut out tube wear on moving parts of piping			● Excellnt Flexibility. Softer than Standard Roll Tube ● Must use inner Support when using One-Touch Fittings 	
Media			Air	Wat er	Vac uu m	Air	Wat er	Vac uu m	Air	Wat er	Vac uu m	Air	Wat er	Vac uu m	Air	Vacuu m
Temp Range (℃)			-5~ 60	5 ~ 40	-5~ 60	-5~ 60	5 ~ 40	-5~ 60	-5~ 60	5 ~ 40	-5~ 60	-5~ 60	5 ~ 40	-5~ 60	-5~60	-5~60
MAX Pressure			0.8 MPa	0.3 MPa	-100 kPa	0.8 MPa	0.3 MPa	-100 kPa	1 MPa	0.3 MPa	-100 kPa	0.8 MPa	0.3 MPa	-100 kPa	0.4 MPa	-100 kPa
MAX Burst Pressure (MPa)			3			3			4			3			1.7	
Model No.	4	2.5	TE-4 x 2.5			2TE-4			MTP-4			TE-4-LF			SP-4	
	6	4	TE-6			2TE-6						TE-6-LF			SP-6	
		4.5							MTP-6							
	8	5	TE-8			2TE-8						TE-8-LF				
		6							MTP-8							
	1 0	6.5	TE-10			2TE-10										
		7.5							MTP-10							
	1 2	8	TE-12			2TE-12										
		9							MTP-12							
1 6	1 1	TE-16														

※The Value at a temperature of 20 °C (68 °F)

TUBING

TOUCH TUBE

			Polyurethane					NYLON	
			Pフレックス	TE-EP	TEAF	TP		TN	
			Cooling Water	Anti- Electrification	Anti-Spatter	Standard Roll-2		High Pressure	
									
Main Features			Suitable to use cooling for mold	Keeps tube electrification and surrounding dust Volume Under $10^{10} \Omega \cdot \text{cm}$ Volume resistivity varies in accordance with tube's absorption	- Anti-Spatter tube with Single - No need to peeling	- Excellent Flexibility - Cut Mark each 1m		MAX Working Pressure is higher than Polyurethane	
Media			Water	Air	Air	Water	Vacuum	Air	Vacuum
Temp Range (°C)			0~80	-5~60	-5~60	5~40	-5~60	-5~60	-5~60
MAX Pressure			0.3 MPa	0.8 MPa	0.8 MPa	0.3 MPa	-100 kPa	0.8 MPa	-100 kPa
MAX Burst Pressure (MPa)			3	3	3	3	3	6	6
Model No.	4	2						TP-4	
		2.5		TE-4-EP				TP-4x2.5	TN-4 x 2.5
		3							TN-4
	6	4		TE-6-EP	TE-6-AF			TP-6	TN-6 x 4
		4.5							TN-6
	8	5	8P	TE-8-EP	TE-8-AF			TP-8	
		6							TN-8
	10	6.5	10P	TE-10-EP	TE-10-AF			TP-10	
		7.5							TN-10
	12	8	12P	TE-12-EP	TE-12-AF			TP-12	
		9							TN-12

※The Value at a temperature of 20°C(68°F)

TE	Model No.	Size O.DxI.D(mm)	Min.T.R(mm) (mm)	Tolerance(mm) (mm)	Weight(kg/m) (g /m)	Standard Roll		Color		
						20m	100m			
	TE-4 x 2.5	4 x 2.5	5	±0.1	9	●	●	Black	TransBlue	
									Red	Blue
	TE-6	6 x 4	12			●	●	TransRed	Yellow	
								Trans	TransYellow	
	TE-8	8 x 5	15	+0.1 -0.15	37	●	●	TransGreen	オレンジ	
									Light Green	White
	TE-10	10 x 6.5	25			●	●	Green		
									※Trans	
TE-12	12 x 8	28		76	●	●	Green,Red,Yellow is not available TE-16			
※TE-16	16 x 11	30		127	●	●				

	Model No.	Size O.DxI.D(mm)	Min. T.R(mm) (mm)	Tolerance(mm) (mm)	Weight(kg/m) (g/m)	Standard Roll				Color	
						10m	20m	50m	100m		
	2TE-4	4 x 2.5	5	±0.1	18		●		●	Black	Black
Twin	2TE-6	6 x 4	12		38		●		●	※With Line ※Possible to combine with other	
	2TE-8	8 x 5	15		74		●		●		
	2TE-10	10 x 6.5	25	+0.1 -0.15	11	●		●			
	2TE-12	12 x 8	28		152	●		●			

	Model No.	Size O.DxI.D(mm)	Min. T.R(mm) (mm)	Tolerance(mm) (mm)	Weight(kg/m) (g/m)	Standard Roll		Color	
						20m	100m		
MTP	MTP-4	4 x 2.5	8	±0.1	10	●	●	Black	White
	MTP-6	6 x 4.5	15		15	●	●	Green	Light Green
	MTP-8	8 x 6	24		28	●	●	Blue	Trans
	MTP-10	10 x 7.5	30	+0.1 -0.15	42	●	●	Yellow	Red
	MTP-12	12 x 9	36		62	●	●		

	Model No.	Size O.DxI.D(mm)	Min. T.R(mm) (mm)	Tolerance(mm) (mm)	Weight(kg/m) (g/m)	Standard Roll		Color	
						20m	100m		
	TE-4-LF	4 x 2.5	5	±0.1	9	●	●	Black	Blue
Low Friction	TE-6-LF	6 x 4	12		19	●	●	White	
	TE-8-LF	8 x 5	15		37	●	●		

Anti-Spatter	Model No.	Size O.DxI.D(mm)	Min. T.R(mm) (mm)	Tolerance(mm) (mm)	Weight(kg/m) (g/m)	Standard Roll		Color	
						20m	100m		
	TE-6-AF	6 x 4	12	±0.1	19	●	●	Black	Blue
								Yellow	White
	TE-8-AF	8 x 5	15	+0.1 -0.15	37	●	●	Red	Green
	TE-10-AF	10 x 6.5	25		55	●	●		
TE-12-AF	12 x 8	28	76		●	●			

Soft	Model No.	Size O.DxI.D(mm)	Min. T.R(mm)	Tolerance(mm)	Weight(kg/m)	Standard Roll		Color	
			(mm)	(mm)	(g/m)	20m	100m		
	SP-4	4 x 2.5	17	+0.05	9	●	●	Black	TransBlue
	SP-6	6 x 4	28	-0.2	19	●	●	Trans	

※ワンタッチ継手に使用する場合はINナーサポートを必ず使用下さい。

P-Flex	Model No.	Size O.DxI.D(mm)	Min. T.R(mm)	Tolerance(mm)	Weight(kg/m)	Standard Roll		Color	
			(mm)	(mm)	(g/m)	20m	100m		
	8P	8 x 5	15	+0.05	37	●	●	Transブルー	Transピンク
	10P	10 x 6.5	25	+0.1	55	●	●		
	12P	12 x 8	28	-0.15	76	●	●		

Antistatic	Model No.	Size O.DxI.D(mm)	Min. T.R(mm)	Tolerance(mm)	Weight(kg/m)	Standard Roll				Color	
			(mm)	(mm)	(g/m)	10m	20m		100m		
	TE-4-EP	4 x 2.5	10	±0.1	9	●	●		●	Black	
	TE-6-EP	6 x 4	15		19	●	●		●		
	TE-8-EP	8 x 5	20		37	●	●		●		
	TE-10-EP	10 x 6.5	25	+0.1	55	●	●		●		
	TE-12-EP	12 x 8	30	-0.15	76	●	●		●		

TP	Model No.	Size O.DxI.D(mm)	Min. T.R(mm)	Tolerance(mm)	Weight(kg/m)	Standard Roll		Color	
			(mm)	(mm)	(g/m)	20m	100m		
	TP-4	4 x 2	5	±0.1	11	●	●	Black	TransBlue
	TP-4x2.5	4 x 2.5	5		9	●	●	Red	Blue
	TP-6	6 x 4	12		19	●	●	Trans	Yellow
	TP-8	8 x 5	15		37	●	●	Light Green	White
	TP-10	10 x 6.5	25	+0.1	55	●	●	Green	
	TP-12	12 x 8	28	-0.15	76	●	●		

Nylon	Model No.	Size O.DxI.D(mm)	Min. T.R(mm)	Tolerance(mm)	Weight(kg/m)	Standard Roll		Color	
			(mm)	(mm)	(g/m)	20m	100m		
	TN-4 x 2.5	4 x 2.5	15	±0.1	8	●	●	Black	Yellow
	TN-4	4 x 3	21		6	●	●	Red	Green
	TN-6 x 4	6 x 4	25		16	●	●	White	
	TN-6	6 x 4.5	30		13	●	●		
	TN-8	8 x 6	47	+0.1	22	●	●		
	TN-10	10 x 7.5	58		36	●	●		
	TN-12	12 x 9	69	-0.15	52	●	●		

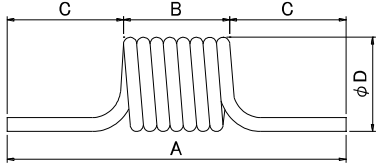
Spiral

SPIRAL TUBING

		Spiral	Multi Spiral	Soft Model Spiral	Spiral with Slit							
		Single	Multi (2 ~ 8 Cores)	Soft	With Wires							
												
Standard Size(O .D)	4	●	●	●	●							
	6	●	●	●	●							
	8	●	●	●	●							
	10	●	●	●								
	12	●	●	●								
Type		59	150	12	15							
		● Customize Order from 1 pcs	● Customize Order from 1 pcs ● Possible to combine with different size of	● Soft Model ● Customize Order from 1 pcs ● Possible to combine with different size of	● Easy to in/out signal wires. ● Protect wire from Low Friction in Cable ● Customize Order from 1 pcs ● Possible to combine with different size of							
Media		Air	Water	Vacu um	Air	Water	Vacu um	Air	Vacuum	Air	Water	Vacu um
Temp Range (°C)		-5~60	5~40	-5~60	-5~60	5~40	-5~60	-5~60	-5~60	-5~60	5~40	-5~60
MAX Pressure (The Value at a temperature of 20°C (68°F))		1 MPa	0.3 MPa	-100 kpa	1 MPa	0.3 MPa	-100 kpa	0.4 MPa	-100 kPa	1 MPa	0.3 MPa	-100 kpa
Color		1 Core ①	2 Core ①②		1 Core ①		1 Core ①②③					
		①Black	3 Core ①②③		2 Core ①②		2 Core ①②③					
			4 Core ①②③④		3 Core ①②③		3 Core ①②③					
			5 Core ①②③④⑤		①Black ②Trans ③TransBlue		①Black ②Blue ③TransBlue (Wire)					
			6 Core ①②③④⑤⑥									
			7 Core ①②③④⑤⑥⑦									
			8 Core ①②③④⑤⑥⑦⑧									
			①Trans ②Trans Green ③Trans Yellow ④Trans Red ⑤Trans Blue ⑥White ⑦Blue ⑧Black									

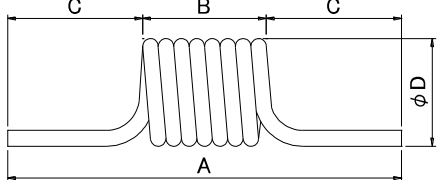
Spiral

Polyurethane SPIRAL TUBING

Single																	
																	
	Model No.	Model	SL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	weig ht/kr (g)		Model No.	Model	SL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	weig ht/kr (g)
1 Core	TPS-4-5	TE-4×2	500	420	20	200	21	7	1 Core	TPS-8-35	TE-8	1,800	680	280	200	42	121
	TPS-4-10		600	440	40			9		TPS-8-40		2,000	720	320			136
	TPS-4-15		700	460	60			11		TPS-8-45		2,200	760	360			151
	TPS-4-20		800	480	80			13		TPS-8-50		2,400	800	400			166
	TPS-4-25		900	500	100			16		TPS-8-55		2,600	840	440			181
	TPS-4-30		1,000	520	120			18		TPS-8-60		2,800	880	480			196
	TPS-4-35		1,100	540	140			20		TPS-10-5	TE-10	650	450	50	200	52	50
	TPS-4-40		1,200	560	160			22		TPS-10-10		900	500	100			77
	TPS-4-45		1,300	580	180			25		TPS-10-15		1,150	550	150			105
	TPS-4-50		1,400	600	200			27		TPS-10-20		1,400	600	200			133
	TPS-4-55		1,500	620	220			29		TPS-10-25		1,650	650	250			160
	TPS-4-60		1,600	640	240			31		TPS-10-30		1,900	700	300			188
	TPS-6-5	TE-6	550	430	30	200	38	15		TPS-10-35		2,150	750	350			215
	TPS-6-10		700	460	60			23		TPS-10-40		2,400	800	400			243
	TPS-6-15		850	490	90			31		TPS-10-45		2,650	850	450			271
	TPS-6-20		1,000	520	120			39		TPS-10-50		2,900	900	500			298
	TPS-6-25		1,150	550	150			46		TPS-10-55		3,150	950	550			326
	TPS-6-30		1,300	580	180			54		TPS-10-60		3,400	1,000	600			354
	TPS-6-35		1,450	610	210			62		TPS-12-5	TE-12	700	460	60	200	67	82
	TPS-6-40		1,600	640	240			70		TPS-12-10		1,000	520	120			133
	TPS-6-45		1,750	670	270			77		TPS-12-15		1,300	580	180			184
	TPS-6-50		1,900	700	300			85		TPS-12-20		1,600	640	240			236
	TPS-6-55		2,050	730	330			93		TPS-12-25		1,900	700	300			287
	TPS-6-60		2,200	760	360			101		TPS-12-30		2,200	760	360			338
	TPS-8-5	TE-8	600	440	40	200	42	30		TPS-12-35		2,500	820	420			390
	TPS-8-10		800	480	80			45		TPS-12-40		2,800	880	480			441
	TPS-8-15		1,000	520	120			60		TPS-12-45		3,100	940	540			492
	TPS-8-20		1,200	560	160			75		TPS-12-50		3,400	1,000	600			543
	TPS-8-25		1,400	600	200			90		TPS-12-55		3,700	1,060	660			595
	TPS-8-30		1,600	640	240			105									

Multi Spiral

MULTI SPIRAL Polyurethane TUBING

Multi																	
																	
	Model No.	Model	SL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	weig ht/kr (g)		Model No.	Model	SL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	weig ht/kr (g)
2 C o r e	2-MES-6-5S	TE-6	595	465	65	200	38	40	2 C o r e	2-MES-6-40S	TE-6	1,960	920	520	200	38	200
	2-MES-6-10S		790	530	130			60		2-MES-6-45S		2,155	985	585			220
	2-MES-6-15S		985	595	195			80		2-MES-8-5S	TE-8	670	490	90	200	42	80
	2-MES-6-20S		1,180	660	260			110		2-MES-8-10S		940	580	180			130
	2-MES-6-25S		1,375	725	325			130		2-MES-8-15S		1,210	670	270			180
	2-MES-6-30S		1,570	790	390			150		2-MES-8-20S		1,480	760	360			220
	2-MES-6-35S		1,765	855	455			170		2-MES-8-25S		1,750	850	450			270

Multi Spiral

MULTI SPIRAL Polyurethane TUBING

	Model No.	Model	SL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight ht/(kg)
2 C o r e	2-MES-8-30S	TE-8	2,020	940	540	200	42	320
	2-MES-8-35S		2,290	1,030	630			370
	2-MES-8-40S		2,560	1,120	720			420
	2-MES-8-45S		2,830	1,210	810			470
	2-MES-10-5S	TE-10	739	513	113	200	52	130
	2-MES-10-10S		1,078	626	226			220
	2-MES-10-15S		1,417	739	339			310
	2-MES-10-20S		1,756	852	452			400
	2-MES-10-25S	TE-12	2,095	965	565	200	67	490
	2-MES-10-30S		2,434	1,078	678			580
	2-MES-12-5S		805	535	135			220
	2-MES-12-10S		1,210	670	270			380
	2-MES-12-15S		1,715	805	405			540
	2-MES-12-20S		2,020	940	540			700
	2-MES-12-25S		2,425	1,075	675			860
3 C o r e	3-MES-6-5S	TE-6	645	498	98	200	44	60
	3-MES-6-10S		888	595	195			100
	3-MES-6-15S		1,133	693	293			140
	3-MES-6-20S		1,375	790	390			180
	3-MES-6-25S	TE-8	1,620	888	488	200	50	220
	3-MES-6-30S		1,863	985	585			260
	3-MES-6-35S		2,108	1,083	683			300
	3-MES-6-40S		2,350	1,180	780			340
	3-MES-8-5S	TE-10	738	535	135	200	63	130
	3-MES-8-10S		1,075	670	270			220
	3-MES-8-15S		1,413	805	405			310
	3-MES-8-20S		1,750	940	540			390
	3-MES-8-25S	TE-12	2,088	1,075	675	200	84	480
	3-MES-10-5S		825	570	170			230
	3-MES-10-10S		1,248	739	339			390
	3-MES-10-15S		1,673	909	509			560
	3-MES-10-20S		2,095	1,078	678			720
	3-MES-12-5S	TE-6	908	603	203	200	58	390
	3-MES-12-10S		1,413	805	405			690
	3-MES-12-15S		1,920	1,008	608			990
4 C o r e	4-MES-6-5S	TE-6	595	465	65	200	56	100
	4-MES-6-10S		790	530	130			160
	4-MES-6-15S		985	595	195			230
	4-MES-6-20S		1,180	660	260			300
	4-MES-6-25S	TE-8	1,375	725	325	200	66	360
	4-MES-6-30S		1,570	790	390			430
	4-MES-6-35S		1,765	855	455			500
	4-MES-6-40S		1,960	920	520			560
	4-MES-6-45S	TE-10	2,155	985	585	200	83	630
	4-MES-8-5S		670	490	90			210
	4-MES-8-10S		940	580	180			370
	4-MES-8-15S		1,210	670	270			520
	4-MES-8-20S		1,480	760	360			670
	4-MES-8-25S	TE-12	1,750	850	450	200	90	830
	4-MES-8-30S		2,020	940	540			980
	4-MES-8-35S		2,290	1,030	630			1,130
	4-MES-8-40S		2,560	1,120	720			1,290
	4-MES-8-45S	TE-6	2,830	1,210	810	200	65	1,440
	4-MES-10-5S		739	513	113			370
	4-MES-10-10S		1,078	626	226			660
	4-MES-10-15S		1,417	739	339			950
	4-MES-10-20S		1,756	852	452			1,230
5 C o r e	5-MES-6-5S	TE-6	645	498	98	200	56	120
	5-MES-6-10S		888	595	195			210
	5-MES-6-15S		1,133	693	293			290
	5-MES-6-20S		1,375	790	390			370
	5-MES-6-25S	TE-8	1,620	888	488	200	73	460
	5-MES-6-30S		1,863	985	585			540
	5-MES-6-35S		2,108	1,083	683			620
	5-MES-6-40S		2,350	1,180	780			710
	5-MES-8-5S	TE-10	738	535	135	200	97	290
	5-MES-8-10S		1,075	670	270			500
	5-MES-8-15S		1,413	805	405			710
	5-MES-8-20S		1,750	940	540			920
	5-MES-8-25S	TE-12	2,088	1,075	675	200	121	1,130
	5-MES-10-5S		825	570	170			530
	5-MES-10-10S		1,248	739	339			950
	5-MES-10-15S		1,673	909	509			1,370
	5-MES-10-20S		2,095	1,078	678			1,790
	5-MES-12-5S	TE-6	908	603	203	200	58	870
	5-MES-12-10S		1,413	805	405			1,600
	5-MES-12-15S		1,920	1,008	608			2,320
6 C o r e	6-MES-6-5S	TE-6	645	498	98	200	58	150
	6-MES-6-10S		888	595	195			250
	6-MES-6-15S		1,133	693	293			360
	6-MES-6-20S		1,375	790	390			460
	6-MES-6-25S	TE-8	1,620	888	488	200	75	560
	6-MES-6-30S		1,863	985	585			670
	6-MES-6-35S		2,108	1,083	683			770
	6-MES-6-40S		2,350	1,180	780			880
	6-MES-8-5S	TE-10	738	535	135	200	100	350
	6-MES-8-10S		1,075	670	270			610
	6-MES-8-15S		1,413	805	405			870
	6-MES-8-20S		1,750	940	540			1,130
	6-MES-8-25S	TE-12	2,088	1,075	675	200	124	1,400
	6-MES-10-5S		825	570	170			650
	6-MES-10-10S		1,248	739	339			1,170
	6-MES-10-15S		1,673	909	509			1,690
	6-MES-10-20S		2,095	1,078	678			2,200
	6-MES-12-5S	TE-6	908	603	203	200	65	1,070
	6-MES-12-10S		1,413	805	405			1,960
	6-MES-12-15S		1,920	1,008	608			2,850
7 C o r e	7-MES-6-5S	TE-6	660	530	130	200	65	190
	7-MES-6-10S		920	660	260			320
	7-MES-6-15S		1,180	790	390			460
	7-MES-6-20S		1,440	920	520			600
	7-MES-6-25S	TE-8	1,700	1,050	650	200	90	730
	7-MES-6-30S		1,960	1,180	780			870
	7-MES-8-5S		760	580	180			470
	7-MES-8-10S		1,120	760	360			840
	7-MES-8-15S	TE-10	1,480	940	540	200	90	1,200
	7-MES-8-20S		1,840	1,120	720			1,570

Multi Spiral

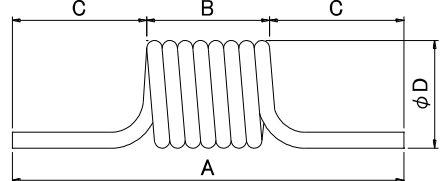
MULTI SPIRAL Polyurethane TUBING

	Model No.	Model	SL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight ht/kr (g)
7 Core	7-MES-10-5S	TE-10	852	626	226	200	113	840
	7-MES-10-10S		1,304	852	452			1,520
	7-MES-10-15S		1,756	1,078	678			2,200
	7-MES-12-5S	TE-12	940	670	270	200	145	1,420
	7-MES-12-10S		1,480	940	540			2,630
	7-MES-12-14S		1,912	1,156	756			3,600
8 Core	8-MES-6-5S	TE-6	660	530	130	200	67	220
	8-MES-6-10S		920	660	260			380
	8-MES-6-15S		1,180	790	390			540
	8-MES-6-20S		1,440	920	520			700
	8-MES-6-25S		1,700	1,050	650			860
	8-MES-6-30S		1,960	1,180	780			1,020

	Model No.	Model	SL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight ht/kr (g)
8 Core	8-MES-8-5S	TE-8	760	580	180	200	92	550
	8-MES-8-10S		1,120	760	360			970
	8-MES-8-15S		1,480	940	540			1,400
	8-MES-8-20S		1,840	1,120	720			1,830
	8-MES-10-5S	TE-10	852	626	226	200	116	980
	8-MES-10-10S		1,304	852	452			1,780
	8-MES-10-15S		1,756	1,078	678			2,580
	8-MES-12-5S		940	670	270			1,660
	8-MES-12-10S	TE-12	1,480	940	540	200	148	3,070
	8-MES-12-14S		1,912	1,156	756			4,200

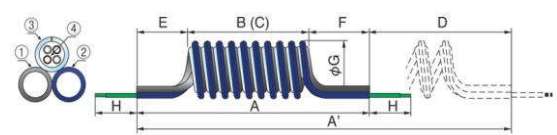
Soft Polyurethane Spiral

Soft Polyurethane SPIRAL TUBING

Soft								
								
								
	Model No.	Model	SL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight ht/kr (g)
1 Core	SPS-4-5	SP-4	500	220	20	100	23	5
	SPS-4-10		600	240	40	100		8
	SPS-4-15		700	260	60	100		11
	SPS-6-5	SP-6	550	230	30	100	38	14
	SPS-6-10		700	260	60	100		23
	SPS-6-15		850	290	90	100		32
2 Core	2-MSS-4-5	SP-4	550	245	45	100	23	10
	2-MSS-4-10		650	290	90	100		16
	2-MSS-4-15		900	330	130	100		22
2 Core	2-MSS-6-5	SP-6	650	265	65	100	38	28
	2-MSS-6-10		900	325	125	100		46
	2-MSS-6-15		1150	390	190	100		64
	3-MSS-4-5	SP-4	550	265	65	100	23	15
	3-MSS-4-10		700	330	130	100		24
	3-MSS-4-15		850	400	200	100		33
3 Core	3-MSS-6-5	SP-6	600	295	95	100	38	42
	3-MSS-6-10		850	390	190	100		69
	3-MSS-6-15		1100	490	290	100		96

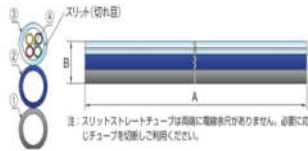
Spiral with Slit

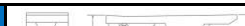
SLITTED SPIRAL TUBING

With Wires								
								
								
	Model No.	Wire (mm)	SL (mm)	A (mm)	B (mm)	E (mm)	F (mm)	Weight ht/kr (g)
3 Core	3-SSE-4-5	0.2	535	445	45	150	250	46
	3-SSE-4-10		670	490	90			63
	3-SSE-4-15		805	535	135			78
	3-SSE-4-20		940	580	180			94
	3-SSE-4-25		1075	625	225			110
	3-SSE-6-5	0.3	560	465	65	150	250	90
	3-SSE-6-10		725	530	130			130
	3-SSE-6-15		890	595	195			170
	3-SSE-6-20		1050	660	260			210
3 Core	3-SSE-6-25	0.3	1210	725	325	150	250	250
	3-SSE-8-5		670	490	90			160
	3-SSE-8-10		940	580	180			255
	3-SSE-8-15		1210	670	270			350
	3-SSE-8-20		1480	760	360			440
	3-SSE-8-25		1750	850	450			490
	3-SSE-6-20	0.3	1050	660	260	150	250	210
	3-SSE-6-25		1210	725	325			250
	3-SSE-8-5		670	490	90			160
	3-SSE-8-10		940	580	180			255

※Customize Order

Multi Cores

		Multi Straight	Multi Flat	With Slit																																																																										
		Multi Cores	Multi Flat	With Wire																																																																										
																																																																														
Standard Size (O.D)	4	●	●	●																																																																										
	6	●	●	●																																																																										
	8	●	●	●																																																																										
	10	●	●																																																																											
	12	●	●																																																																											
Type		20	17	9																																																																										
Main Features		● Polyurethane (TP) with multi Cores Core <table><tr><td>2芯/2-core</td><td>4芯/4-core</td></tr><tr><td> ①② </td><td> ③④ ①② </td></tr><tr><td>6芯/6-core</td><td>8芯/8-core</td></tr><tr><td> ④⑤⑥ ①②③ </td><td> ⑤⑥⑦⑧ ①②③④ </td></tr></table>	2芯/2-core	4芯/4-core	①②	③④ ①②	6芯/6-core	8芯/8-core	④⑤⑥ ①②③	⑤⑥⑦⑧ ①②③④	● Polyurethane (TP) with Multi Fat	● Easy to change wires by slit ● Protect wire from Low Friction in Cable ● Customize Order from 1 pcs ● Possible to combine with different size of																																																																		
2芯/2-core	4芯/4-core																																																																													
①②	③④ ①②																																																																													
6芯/6-core	8芯/8-core																																																																													
④⑤⑥ ①②③	⑤⑥⑦⑧ ①②③④																																																																													
Media	Air	Vacuum	Air	Vacuum	Air	Vacuum																																																																								
Temp Range (℃)	-5~60℃		-5~60℃		-5~60℃																																																																									
MAX Pressure	0.8MPa	-100kPa	0.8MPa	-100kPa	0.8MPa	-100kPa																																																																								
Color	<table><tr><td>Core #</td><td>Trans</td><td>Blue</td><td>Yellow</td><td>Green</td><td>Red</td><td>White</td><td>Black</td></tr><tr><td>2Core</td><td>① ②</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4Core</td><td>① ②</td><td>③ ④</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6Core</td><td>① ②</td><td>③ ④</td><td>⑤ ⑥</td><td></td><td></td><td></td><td></td></tr><tr><td>8Core</td><td>① ②</td><td>③ ④</td><td>⑤ ⑥</td><td>⑦ ⑧</td><td></td><td></td><td></td></tr></table>	Core #	Trans	Blue	Yellow	Green	Red	White	Black	2Core	① ②							4Core	① ②	③ ④						6Core	① ②	③ ④	⑤ ⑥					8Core	① ②	③ ④	⑤ ⑥	⑦ ⑧				<table><tr><td>Core #</td><td>Trans</td><td>Blue</td><td>Yellow</td><td>Green</td><td>White</td><td>Black</td></tr><tr><td>2Core</td><td>① ②</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4Core</td><td>① ②</td><td>③ ④</td><td></td><td></td><td></td><td></td></tr><tr><td>6Core</td><td>① ②</td><td>③ ④</td><td>⑤ ⑥</td><td></td><td></td><td></td></tr><tr><td>10Core</td><td>① ②</td><td>③ ④</td><td>⑤ ⑥</td><td>⑦ ⑧</td><td>⑨ ⑩</td><td></td></tr></table>	Core #	Trans	Blue	Yellow	Green	White	Black	2Core	① ②						4Core	① ②	③ ④					6Core	① ②	③ ④	⑤ ⑥				10Core	① ②	③ ④	⑤ ⑥	⑦ ⑧	⑨ ⑩		 スリット(切れ目) 注: スリットスリットチューブは両端に電線が収まりません。必要に応じてチューブを短縮してご利用ください。
Core #	Trans	Blue	Yellow	Green	Red	White	Black																																																																							
2Core	① ②																																																																													
4Core	① ②	③ ④																																																																												
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10Core	① ②	③ ④	⑤ ⑥	⑦ ⑧	⑨ ⑩																																																																									

Tube Cutter TC-16				Main Features											
		<table border="1"><thead><tr><th>A</th><th>B</th><th>C</th><th>E</th><th>Weight(kg/m)(g)</th></tr></thead><tbody><tr><td>80</td><td>31.5</td><td>27.5</td><td>25</td><td>35</td></tr></tbody></table>		A	B	C	E	Weight(kg/m)(g)	80	31.5	27.5	25	35	● Polyurethane・NYLON・Fluorine ● Easy to change spare blade (TC-16SC 10枚入) ● Possible to cut diameter 3 ~ 16 mm of tube	
A	B	C	E	Weight(kg/m)(g)											
80	31.5	27.5	25	35											

Multi Straight

MULTI-STRAIGHT TUBING

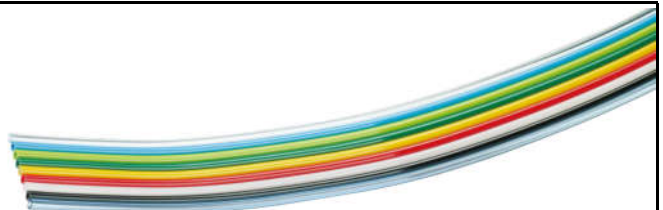


	Model No.	Model	Core	Standard Ro		Min.T.R(mm)	Weig (g/m)
				20m	100m		
2 Core	2-MP-4S	TP-4	①②	●	●	15	22
	2-MP-6S	TP-6		●	●	25	38
	2-MP-8S	TP-8		●	●	40	74
	2-MP-10S	TP-10		●	●	55	110
	2-MP-12S	TP-12		●	●	65	152
4 Core	4-MP-4S	TP-4	③④①②	●	●	40	44
	4-MP-6S	TP-6		●	●	65	76
	4-MP-8S	TP-8		●	●	90	148
	4-MP-10S	TP-10		●	●	160	220
	4-MP-12S	TP-12		●	●	230	304
6 Core	6-MP-4S	TP-4	④⑤⑥①②③	●	●	40	66
	6-MP-6S	TP-6		●	●	65	114
	6-MP-8S	TP-8		●	●	110	222
	6-MP-10S	TP-10		●	●	160	330
	6-MP-12S	TP-12		●	●	230	456
8 Core	8-MP-4S	TP-4	⑤⑥⑦⑧①②③④	●	●	45	88
	8-MP-6S	TP-6		●	●	65	152
	8-MP-8S	TP-8		●	●	110	296
	8-MP-10S	TP-10		●	●	160	440
	8-MP-12S	TP-12		●	●	230	608

※①Trans ②Blue ③Light Green ④Green ⑤Yellow ⑥Red ⑦White ※ ● is customize order

Multi Flat

MULTI-FLAT TUBING



	Model No.	使用	Core	Standard Ro		Weig (g/m)
				20m	100m	
3 Core	3TP-4×2.5S	TE-4x2.5	①②③	●	●	27
	3TP-6S	TE-6		●	●	57
	3TP-8S	TE-8		●	●	111
4 Core	4TP-4×2.5S	TE-4x2.5	①②③④	●	●	36
	4TP-6S	TE-6		●	●	76
	4TP-8S	TE-8		●	●	148
	4TP-10S	TE-10		●	●	220
	4TP-12S	TE-12		●	●	304
5 Core	5TP-4×2.5S	TE-4x2.5	①②③④⑤	●	●	45
5 Core	5TP-6S	TE-6	①②③④⑤	●	●	95
	5TP-8S	TE-8		●	●	185
6 Core	6TP-4×2.5S	TE-4x2.5	①②③④⑤⑥	●	●	54
	6TP-6S	TE-6		●	●	76
	6TP-8S	TE-8		●	●	222
8 Core	8TP-4×2.5S	TE-4x2.5	①②③④⑤⑥⑦⑧	●	●	72
	8TP-6S	TE-6		●	●	114
10 Core	10TP-4×2.5S	TE-4x2.5	①②③④⑤⑥⑦⑧⑨⑩	●	●	90

※①Trans ②Blue ③Light Green ④Green ⑤Yellow ⑥Red ⑦White ⑧Black ⑨Trans ⑩Blue

※ ● is customize order

Slit Straight

SLITTED STRAIGHT TUBING

With



※①Black②Blue③TransBlue (③ has Slit) ※Possible to Change wire

	Model No.	Model	Core	Wi re	Standard Roll			Min.T.R(mm)
					5m	50m	100m	
3 Core	3-STE-4-5	TE-4x2.5	①②③	0.15	●	●	●	20
	3-STE-4-50	TE-4x2.5		0.15	●	●	●	20
	3-STE-4-100	TE-4x2.5		0.15	●	●	●	20
	3-STE-6-5	TE-6		0.3	●	●	●	30
	3-STE-6-50	TE-6		0.3	●	●	●	30
3 Core	3-STE-6-100	TE-6	①②③	0.3	●	●	●	30
	3-STE-8-5	TE-8		0.3	●	●	●	40
	3-STE-8-50	TE-8		0.3	●	●	●	40
	3-STE-8-100	TE-8		0.3	●	●	●	40

※ ● is customize order

Cusmize order Request Form

CUSTOM MADE FORMAT

①Core

 Core

②No

③Length

 m

【Numbers】

※Request Cores from below Numbers

No.1	①
------	---

No.2	①②
------	----

No.3	①②③
------	-----

No.4	①②③④
------	------

No.5	③④ ①②
------	----------

No.6	①②③④⑤
------	-------

No.7	④⑤⑥ ①②③
------	------------

No.8	①②③④⑤⑥⑦⑧
------	----------

No.9	⑤⑥⑦⑧ ①②③④
------	--------------

No.10	①②③④⑤⑥⑦⑧⑨
-------	-----------

④Color

①		②		③		④		⑤		⑥		⑦		⑧		⑨	
---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

⑤Size

①		mm	②		mm	③		mm	④		mm	⑤		mm	⑥		mm	⑦		mm	⑧		mm	⑨		mm
---	--	----	---	--	----	---	--	----	---	--	----	---	--	----	---	--	----	---	--	----	---	--	----	---	--	----

⑥Number of Wires

①	0.15sq	Pcs	②	0.3sq	Pcs
---	--------	-----	---	-------	-----

■ Images



⑦Quantity

 Pcs

Company Name: _____

Department: _____

Name: _____

Agent: _____

Note: _____

Customize Order Spiral Request Form

CUSTOM MADE FORMAT

① Model No.

② Core

Pcs

③ No

【Numbers Please Contact with sales If order more than 8 cores

No.1	①	No.2	①②	No.3	①②③	No.4	③ ①②	No.5	③④ ①②
No.6	④⑤ ①②③	No.7	④⑤⑥ ①②③	No.8	⑤⑥⑦ ①②③④	No.9	⑤⑥⑦⑧ ①②③④		

④ Color

①		②		③		④		⑤		⑥		⑦		⑧	
---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

⑤ Quantity

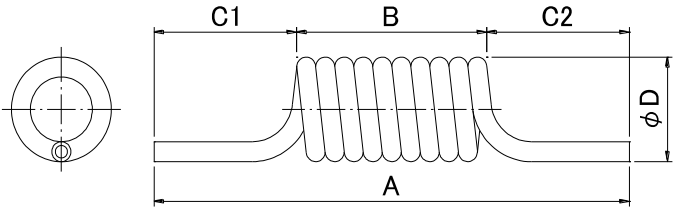
Pcs

⑥ Number of Wires

①	0.15sq	Pcs	②	0.3sq	Pcs
---	--------	-----	---	-------	-----

⑦ Detail

A	mm
B	(Roll) mm
C 1	mm
C 2	mm
D	mm
Service Length	mm



■ Image(Spiral with wires)



Company Name: _____

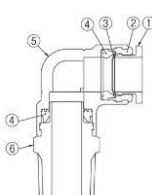
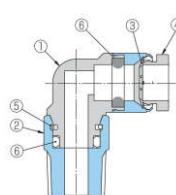
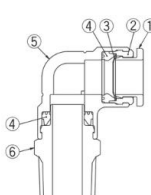
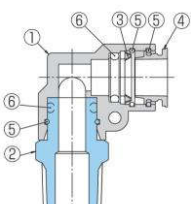
Department: _____

Name: _____

Agent: _____

Note: _____

Fittings

		Five			Mini		SUS303			FUJI		
		TOUCH CONNECTOR FIVE			TOUCH CONNECTOR MINI		TOUCH CONNECTOR SUS303			TOUCH CONNECTOR FUJI		
		Standard			Mini Type		SUS303			Metal		
												
												
Material	①	Anti-FlamingPBT			C3604, M3 Thred is SUS, Polyaccetal		Anti-FlamingPBT			C3604 Zine Die-Casting		
	②	Anti-FlamingPBT			3604, M3 Thred is SU		Anti-FlamingPBT			C3604		
	③	SUS			SUS		SUS			Phosohor Bronze		
	④	NBR			Polyaccetal		NBR			Zine Die-Casting		
	⑤	Anti-FlamingPBT			SUS		Anti-FlamingPBT			SUS		
	⑥	3604BD,Nickel Pantin			NBR		SUS			NBR		
Main Features		● Body type you can chose White or Black ● Electroless nickel planting ● Anti-Flaming body ● Printing Model No. on the body			● Suitable piping for nallow space. ● Electroless nickel planting		● All SUS303 at metal part			● Fully Metal ● it can be used every enviroments.		
Media	Air	Water	Vacu um	Air	Vacuum	Air	Water	Vacu um	Air	Vacuum		
Temp Range (°C)	-5~60	5~40	-5~60	-5~60	-5~60	-5~60	5~40	-5~60	-5~60	-5~60		
MAX Pressure	1 MPa	0.3 MPa	-100 kpa	1 MPa	-100 kpa	1 MPa	0.3 MPa	-100 kpa	1 MPa	-100 kpa		
Tubing	PU		TE TP MTP	PU		TE TP MTP	PU		TE TP MTP	PU		TE TP MTP
	NYLON		TN	NYLON		TN	NYLON		TN	NYLON		TN
Catalog Page	A-1 ~ 1 9			A-34~ 3 9		A-2 1 ~ 2 7			A-4 0 ~ 6 4			

※The Value at a temperature of 2 0 °C(6 8 °F)

Please refere to general catalogs for detail

TOUCH CONNECTOR FIVE

Product Name	O.D	Body Color	Screw Thread				
			M 5	R 1/8	R 1/4	R 3/8	R 1/2
Straight 	4	Black	F4-M5M	F4-01M	F4-02M		
		White	F4-M5MW	F4-01MW	F4-02MW		
	6	Black	F6-M5M	F6-01M	F6-02M	F6-03M	
		White	F6-M5MW	F6-01MW	F6-02MW	F6-03MW	
	8	Black		F8-01M	F8-02M	F8-03M	
		White		F8-01MW	F8-02MW	F8-03MW	
	10	Black		F10-01M	F10-02M	F10-03M	F10-04M
		White		F10-01MW	F10-02MW	F10-03MW	F10-04MW
	12	Black			F12-02M	F12-03M	F12-04M
		White			F12-02MW	F12-03MW	F12-04MW
	16	Black				F16-03M	F16-04M
		White				F16-03MW	F16-04MW
Straight with HEX KEY 	4	Black	F4-M5MS	F4-01MS			
		White	F4-M5MSW	F4-01MSW			
	6	Black	F6-M5MS	F6-01MS	F6-02MS	F8-03MS	
		White	F6-M5MSW	F6-01MSW	F6-02MSW	F8-03MSW	
	8	Black		F8-01MS	F8-02MS	F10-03MS	
		White		F8-01MSW	F8-02MSW	F10-03MSW	
	10	Black		F10-01MS	F10-02MS	F12-03MS	F10-04MS
		White		F10-01MSW	F10-02MSW	F12-03MSW	F10-04MSW
	12	Black			F12-02MS		F12-04MS
		White			F12-02MSW		F12-04MSW
Resin Straight 	6	Black		FR6-01M	FR6-02M		
		White		FR6-01MW	FR6-02MW		
	8	Black		FR8-01M	FR8-02M		
		White		FR8-01MW	FR8-02MW		
Resin Elbow 	4	Black	F4-M5ML	F4-01ML	F4-02ML		
		White	F4-ML5MLW	F4-01MLW	F4-02MLW		
	6	Black	F6-M5ML	F6-01ML	F6-02ML	F6-03ML	
		White	F6-M5MLW	F6-01MLW	F6-02MLW	F6-03MLW	
	8	Black		F8-01ML	F8-02ML	F8-03ML	
		White		F8-01MLW	F8-02MLW	F8-03MLW	
	10	Black		F10-01ML	F10-02ML	F10-03ML	F10-04ML
		White		F10-01MLW	F10-02MLW	F10-03MLW	F10-04MLW
	12	Black			F12-02ML	F12-03ML	F12-04ML
		White			F12-02MLW	F12-03MLW	F12-04MLW
	16	Black				F16-03ML	F16-04ML
		White				F16-03MLW	F16-04MLW
Single Banjo 	4	Black	F4-M5S1	F4-01S1	F4-02S1		
		White	F4-M5S1W	F4-01S1W	F4-02S1W		
	6	Black	F6-M5S1	F6-01S1	F6-02S1	F6-03S1	
		White	F6-M5S1W	F6-01S1W	F6-02S1W	F6-03S1W	
	8	Black		F8-01S1	F8-02S1	F8-03S1	
		White		F8-01S1W	F8-02S1W	F8-03S1W	
	10	Black		F10-01S1	F10-02S1	F10-03S1	F10-04S1
		White		F10-01S1W	F10-02S1W	F10-03S1W	F10-04S1W
	12	Black			F12-02S1	F12-03S1	F12-04S1
		White			F12-02S1W	F12-03S1W	F12-04S1W
Resin Elbow 	6	Black		FR6-01ML	FR6-02ML		
		White		FR6-01MLW	FR6-02MLW		
	8	Black		FR8-01ML	FR8-02ML		
		White		FR8-01MLW	FR8-02MLW		

TOUCH CONNECTOR FIVE

Product Name	O.D	Body Color	Screw Thread				
			M 5	R 1/8	R 1/4	R 3/8	R 1/2
Long Elbow 	4	Black		F4-01M2L	F4-02M2L		
		White		F4-01M2LW	F4-02M2LW		
	6	Black		F6-01M2L	F6-02M2L		
		White		F6-01M2LW	F6-02M2LW		
	8	Black		F8-01M2L	F8-02M2L	F8-03M2L	
		White		F8-01M2LW	F8-02M2LW	F8-03M2LW	
	10	Black			F10-02M2L	F10-03M2L	F10-04M2L
		White			F10-02M2LW	F10-03M2LW	F10-04M2LW
	12	Black			F12-02M2L	F12-03M2L	F12-04M2L
		White			F12-02M2LW	F12-03M2LW	F12-04M2LW
Branch Tee 	4	Black	F4-M5MT	F4-01MT	F4-02MT		
		White	F4-M5MTW	F4-01MTW	F4-02MTW		
	6	Black	F6-M5MT	F6-01MT	F6-02MT	F6-03MT	
		White	F6-M5MTW	F6-01MTW	F6-02MTW	F6-03MTW	
	8	Black		F8-01MT	F8-02MT	F8-03MT	
		White		F8-01MTW	F8-02MTW	F8-03MTW	
	10	Black		F10-01MT	F10-02MT	F10-03MT	F10-04MT
		White		F10-01MTW	F10-02MTW	F10-03MTW	F10-04MTW
	12	Black			F12-02MT	F12-03MT	F12-04MT
		White			F12-02MTW	F12-03MTW	F12-04MTW
	16	Black				F16-03MT	F16-04MT
		White				F16-03MTW	F16-04MTW
Run Tee 	4	Black	F4-M5RT	F4-01RT	F4-02RT		
		White	F4-M5RTW	F4-01RTW	F4-02RTW		
	6	Black	F6-M5RT	F6-01RT	F6-02RT	F6-03RT	
		White	F6-M5RTW	F6-01RTW	F6-02RTW	F6-03RTW	
	8	Black		F8-01RT	F8-02RT	F8-03RT	
		White		F8-01RTW	F8-02RTW	F8-03RTW	
	10	Black		F10-01RT	F10-02RT	F10-03RT	F10-04RT
		White		F10-01RTW	F10-02RTW	F10-03RTW	F10-04RTW
	12	Black			F12-02RT	F12-03RT	F12-04RT
		White			F12-02RTW	F12-03RTW	F12-04RTW
	16	Black				F16-03RT	F16-04RT
		White				F16-03RTW	F16-04RTW
Branch Y 	4	Black	F4-M5MY	F4-01MY	F4-02MY		
		White	F4-MY5MYW	F4-01MYW	F4-02MYW		
	6	Black	F6-M5MY	F6-01MY	F6-02MY	F6-03MY	
		White	F6-M5MYW	F6-01MYW	F6-02MYW	F6-03MYW	
	8	Black		F8-01MY	F8-02MY	F8-03MY	
		White		F8-01MYW	F8-02MYW	F8-03MYW	
	10	Black		F10-01MY	F10-02MY	F10-03MY	F10-04MY
		White		F10-01MYW	F10-02MYW	F10-03MYW	F10-04MYW
	12	Black			F12-02MY	F12-03MY	F12-04MY
		White			F12-02MYW	F12-03MYW	F12-04MYW

Product Name	O.D	Body Color	Screw Thread				
				Rc 1/8	Rc 1/4	Rc 3/8	Rc 1/2
Female Connector 	4	Black		F4-01F	F4-02F		
		White		F4-01FW	F4-02FW		
	6	Black		F6-01F	F6-02F	F6-03F	
		White		F6-01FW	F6-02FW	F6-03FW	
	8	Black		F8-01F	F8-02F	F8-03F	
		White		F8-01FW	F8-02FW	F8-03FW	
	10	Black			F10-02F	F10-03F	F10-04F
		White			F10-02FW	F10-03FW	F10-04FW
	12	Black			F12-02F	F12-03F	F12-04F
		White			F12-02FW	F12-03FW	F12-04FW

TOUCH CONNECTOR FIVE

Product Name	O.D	Body Color	Screw Thread			
			Rc1/8	Rc1/4	Rc3/8	Rc1/2
Female Bulk 	4	Black	F4-01FB			
		White	F4-01FBW			
	6	Black		F6-02FB		
		White		F6-02FBW		
	8	Black		F8-02FB		
		White		F8-02FBW		
	10	Black			F10-03FB	
		White			F10-03FBW	
	12	Black			F12-03FB	
		White			F12-03FBW	

Product Name	O.D		O.D①					
			4	6	8	10	12	16
Union 		Black	FR4-00U	FR6-00U	FR8-00U	FR10-00U	FR12-00U	FR16-00U
		White	FR4-00UW	FR6-00UW	FR8-00UW	FR10-00UW	FR12-00UW	FR16-00UW
Union Elbow 		Black	FR4-00UL	FR6-00UL	FR8-00UL	FR10-00UL	FR12-00UL	FR16-00UL
		White	FR4-00ULW	FR6-00ULW	FR8-00ULW	FR10-00ULW	FR12-00ULW	FR16-00ULW
Union Tee 		Black	FR4-00UT	FR6-00UT	FR8-00UT	FR10-00UT	FR12-00UT	FR16-00UT
		White	FR4-00UTW	FR6-00UTW	FR8-00UTW	FR10-00UTW	FR12-00UTW	FR16-00UTW
Union Y 		Black	FR4-00UY	FR6-00UY	FR8-00UY	FR10-00UY	FR12-00UY	FR16-00UY
		White	FR4-00UYW	FR6-00UYW	FR8-00UYW	FR10-00UYW	FR12-00UYW	FR16-00UYW
Bulkhead Union 		Black	F4-00BU	F6-00BU	F8-00BU	F10-00BU	F12-00BU	F16-00BU
		White	F4-00BUW	F6-00BUW	F8-00BUW	F10-00BUW	F12-00BUW	F16-00BUW
L Connector 		Black	FR4-00LC					
		White	FR4-00LCW					
		Black		FR6-00LC				
		White		FR6-00LCW				
		Black			FR8-00LC			
		White			FR8-00LCW			
		Black				FR10-00LC		
		White				FR10-00LCW		
		Black					FR12-00LC	
		White					FR12-00LCW	
Joint 		Black	FR4-4J	FR6-6J	FR8-8J	FR10-10J	FR12-12J	
		White	FR4-4JW	FR6-6JW	FR8-8JW	FR10-10JW	FR12-12JW	
Inner Support 			IS-4	IS-6	IS-8	IS-10	IS-12	
Different Joint 	O.D ②	6	Black	FR4-06U				
		White		FR4-06UW				
		8	Black		FR6-08U			
		White			FR6-08UW			
		10	Black			FR8-10U		
		White				FR8-10UW		
		12	Black				FR10-12U	
		White					FR10-12UW	
		16	Black					FR12-16U
		White						FR12-16UW
Coupling Plug PN 		Black		F6-PN	F8-PN	F10-PN	F12-PN	
		White		F6-PNW	F8-PNW	F10-PNW	F12-PNW	

TOUCH CONNECTOR FIVE

Product Name	O.D	O.D①							
		4	6	8	10	12	16		
Coupling Plug PL									
		Black		F6-PL	F8-PL	F10-PL	F12-PL		
		White		F6-PLW	F8-PLW	F10-PLW	F12-PLW		
Different Union Tee		O	6	Black	FR4-66UT	FR6-44UT			
			White	FR4-66UTW	FR6-44UTW				
.D			8	Black		FR6-8UT	FR8-66UT		
			White		FR6-88UTW	FR8-66UTW			
②		10	Black			FR8-1010UT	FR10-88UT		
		White			FR8-1010UTW	FR10-88UTW			
		12	Black				FR10-1212UT	FR12-1010UT	
		White				FR10-1212UTW	FR12-1010UTW		
Different Union Y		O	6	Black	FR4-06UY				
			White	FR4-06UYW					
.D			8	Black		FR6-08UY			
			White		FR6-08UYW				
②		10	Black			FR8-10UY			
		White			FR8-10UYW				
		12	Black				FR10-12UY		
		White				FR10-12UYW			
Reducer		O	6	Black	FR4-6RC				
			White	FR4-6RCW					
.D			8	Black		FR6-8RC			
			White		FR6-8RCW				
②		10	Black			FR8-10RC			
		White			FR8-10RCW				
		12	Black				FR10-12RC		
		White				FR10-12RCW			
Different Joint		O	6	Black	FR4-6J				
			White	FR4-6JW					
.D			8	Black		FR6-8J			
			White		FR6-8JW				
②		10	Black			FR8-10J			
		White			FR8-10JW				
		12	Black				FR10-12J		
		White				FR10-12JW			

FIVE MINI SPEED CONTROLLER

Product Name	O.D	Body Color	Screw Thread			
			M 3	M 5	R 1 / 8	
MINI Speed Controller α 	OUT	4	Black	FM4R-M3-O	FM4R-M5-O	FM4R-01-O
			White	FM4R-M3W-O	FM4R-M5W-O	FM4R-01W-O
		6	Black		FM6R-M5-O	FM6R-01-O
			White		FM6R-M5W-O	FM6R-01W-O
	IN	4	Black	FM4R-M3-I	FM4R-M5-I	FM4R-01-I
			White	FM4R-M3W-I	FM4R-M5W-I	FM4R-01W-I
		6	Black		FM6R-M5-I	FM6R-01-I
			White		FM6R-M5W-I	FM6R-01W-I
MINI Speed Controller β 	OUT	4	Black	FMB4R-M3-O	FMB4R-M5-O	FMB4R-01-O
			White	FMB4R-M3W-O	FMB4R-M5W-O	FMB4R-01W-O
		6	Black		FMB6R-M5-O	FMB6R-01-O
			White		FMB6R-M5W-O	FMB6R-01W-O
	IN	4	Black	FMB4R-M3-I	FMB4R-M5-I	FMB4R-01-I
			White	FMB4R-M3W-I	FMB4R-M5W-I	FMB4R-01W-I
		6	Black		FMB6R-M5-I	FMB6R-01-I
			White		FMB6R-M5W-I	FMB6R-01W-I

FIVE SPEED CONTROLLER

Product Name	O.D	Body Color	Screw Thread				
			M 5	R 1 / 8	R 1 / 4	R 3 / 8	R 1 / 2
Speed Controllera 	OUT	4 Black	F4R-M5SC-O	F4R-01SC-O			
		4 White	F4R-M5SCW-O	F4R-01SCW-O			
		6 Black	F6R-M5SC-O	F6R-01SC-O	F6R-02SC-O		
		6 White	F6R-M5SCW-O	F6R-01SCW-O			
		8 Black		F8R-01SC-O	F8R-02SC-O	F8R-03SC-O	
		8 White		F8R-01SCW-O	F8R-02SCW-O	F8R-03SCW-O	
	IN	10 Black			F10R-02SC-O	F10R-03SC-O	F10R-04SC-O
		10 White			F10R-02SCW-O	F10R-03SCW-O	F10R-04SCW-O
		12 Black				F12R-03SC-O	F12R-04SC-O
		12 White				F12R-03SCW-O	F12R-04SCW-O
	OUT	4 Black	F4R-M5SC-I	F4R-01SC-I			
		4 White	F4R-M5SCW-I	F4R-01SCW-I			
		6 Black	F6R-M5SC-I	F6R-01SC-I	F6R-02SC-I		
		6 White	F6R-M5SCW-I	F6R-01SCW-I			
		8 Black		F8R-01SC-I	F8R-02SC-I	F8R-03SC-I	
		8 White		F8R-01SCW-I	F8R-02SCW-I	F8R-03SCW-I	
	IN	10 Black			F10R-02SC-I	F10R-03SC-I	F10R-04SC-I
		10 White			F10R-02SCW-I	F10R-03SCW-I	F10R-04SCW-I
		12 Black				F12R-03SC-I	F12R-04SC-I
		12 White				F12R-03SCW-I	F12R-04SCW-I
Speed Controllerß 	OUT	4 Black	FB4R-M5SC-O	FB4R-01SC-O			
		4 White	FB4R-M5SCW-O	FB4R-01SCW-O			
		6 Black	FB6R-M5SC-O	FB6R-01SC-O	FB6R-02SC-O		
		6 White	FB6R-M5SCW-O	FB6R-01SCW-O			
		8 Black		FB8R-01SC-O	FB8R-02SC-O	FB8R-03SC-O	
		8 White		FB8R-01SCW-O	FB8R-02SCW-O	FB8R-03SCW-O	
	IN	10 Black			FB10R-02SC-O	FB10R-03SC-O	FB10R-04SC-O
		10 White			FB10R-02SCW-O	FB10R-03SCW-O	FB10R-04SCW-O
		12 Black				FB12R-03SC-O	FB12R-04SC-O
		12 White				FB12R-03SCW-O	FB12R-04SCW-O
	OUT	4 Black	FB4R-M5SC-I	FB4R-01SC-I			
		4 White	FB4R-M5SCW-I	FB4R-01SCW-I			
		6 Black	FB6R-M5SC-I	FB6R-01SC-I	FB6R-02SC-I		
		6 White	FB6R-M5SCW-I	FB6R-01SCW-I			
		8 Black		FB8R-01SC-I	FB8R-02SC-I	FB8R-03SC-I	
		8 White		FB8R-01SCW-I	FB8R-02SCW-I	FB8R-03SCW-I	
	IN	10 Black			FB10R-02SC-I	FB10R-03SC-I	FB10R-04SC-I
		10 White			FB10R-02SCW-I	FB10R-03SCW-I	FB10R-04SCW-I
		12 Black				FB12R-03SC-I	FB12R-04SC-I
		12 White				FB12R-03SCW-I	FB12R-04SCW-I

Product Name	O.D	Body Color	O.D		
			4	6	8
In Line Speed Controller 		Black	F4R-00SC		
		White	F4R-00SCW		
		Black		F6R-00SC	
		White		F6R-00SCW	
		Black			F8R-00SC
		White			F8R-00SCW

PT ELBOW

Product Name	Material	①Nickel Platedo Brass				②SUS304			
	Screw Thread	R1/8	R1/4	R3/8	R1/2	R1/8	R1/4	R3/8	R1/2
① ②	Rc1/8	PL-1F-1M-N	PL-1F-2M-N			PLS-1F-1M	PLS-1F-2M		
	Rc1/4		PL-2F-2M-N	PL-2F-3M-N			PLS-2F-2M	PLS-2F-3M	
	Rc3/8			PL-3F-3M-N	PL-3F-4M-N			PLS-3F-3M	PLS-3F-4M

TOUCH CONNECTOR MINI

Product Name	O.D	Screw Thread		
		M 3	M 5	R 1 / 8
Straight 	4	M4-M3M	M4-M5M	M4-01M
	6		M6-M5M	M6-01M
Elbow 	4	M4-M3ML	M4-M5ML	M4-01ML
	6		M6-M5ML	M6-01ML
Branch Tee 	4	M4-M3MT	M4-M5MT	M4-01MT
	6		M6-M5MT	M6-01MT

Union 	4	M4R-00U
	6	M6R-00U
Union Elbow 	4	M4R-00UL
	6	M6R-00UL

Union Tee 	4	M4R-00UT
	6	M6R-00UT

TOUCH CONNECTOR SUS303

Product Name	O.D	Body Color	Screw Thread				
			M 5	R 1 / 8	R 1 / 4	R 3 / 8	R 1 / 2
Straight 	4	Black	FS4-M5M	FS4-01M	FS4-02M		
		White	FS4-M5MW	FS4-01MW	FS4-02MW		
	6	Black	FS6-M5M	FS6-01M	FS6-02M	FS6-03M	
		White	FS6-M5MW	FS6-01MW	FS6-02MW	FS6-03MW	
	8	Black		FS8-01M	FS8-02M	FS8-03M	
		White		FS8-01MW	FS8-02MW	FS8-03MW	
	10	Black		FS10-01M	FS10-02M	FS10-03M	FS10-04M
		White		FS10-01MW	FS10-02MW	FS10-03MW	FS10-04MW
	12	Black			FS12-02M	FS12-03M	FS12-04M
		White			FS12-02MW	FS12-03MW	FS12-04MW
Elbow 	4	Black	FS4-M5ML	FS4-01ML	FS4-02ML		
		White	FS4-M5MLW	FS4-01MLW	FS4-02MLW		
	6	Black	FS6-M5ML	FS6-01ML	FS6-02ML	FS6-03ML	
		White	FS6-M5MLW	FS6-01MLW	FS6-02MLW	FS6-03MLW	
	8	Black		FS8-01ML	FS8-02ML	FS8-03ML	
		White		FS8-01MLW	FS8-02MLW	FS8-03MLW	
	10	Black		FS10-01ML	FS10-02ML	FS10-03ML	FS10-04ML
		White		FS10-01MLW	FS10-02MLW	FS10-03MLW	FS10-04MLW
	12	Black			FS12-02ML	FS12-03ML	FS12-04ML
		White			FS12-02MLW	FS12-03MLW	FS12-04MLW
Branch Tee 	4	Black	FS4-M5MT	FS4-01MT	FS4-02MT		
		White	FS4-M5MTW	FS4-01MTW	FS4-02MTW		
	6	Black	FS6-M5MT	FS6-01MT	FS6-02MT	FS6-03MT	
		White	FS6-M5MTW	FS6-01MTW	FS6-02MTW	FS6-03MTW	
	8	Black		FS8-01MT	FS8-02MT	FS8-03MT	
		White		FS8-01MTW	FS8-02MTW	FS8-03MTW	
	10	Black		FS10-01MT	FS10-02MT	FS10-03MT	FS10-04MT
		White		FS10-01MTW	FS10-02MTW	FS10-03MTW	FS10-04MTW
	12	Black			FS12-02MT	FS12-03MT	FS12-04MT
		White			FS12-02MTW	FS12-03MTW	FS12-04MTW

TOUCH CONNECTOR SUS303

Product Name	O.D	Body Color	Screw Thread				
			M 5	R 1/8	R 1/4	R 3/8	R 1/2
Branch Y 	4	Black	FS4-M5MY	FS4-01MY	FS4-02MY		
		White	FS4-M5MYW	FS4-01MYW	FS4-02MYW		
	6	Black	FS6-M5MY	FS6-01MY	FS6-02MY	FS6-03MY	
		White	FS6-M5MYW	FS6-01MYW	FS6-02MYW	FS6-03MYW	
	8	Black		FS8-01MY	FS8-02MY	FS8-03MY	
		White		FS8-01MYW	FS8-02MYW	FS8-03MYW	
	10	Black		FS10-01MY	FS10-02MY	FS10-03MY	FS10-04MY
		White		FS10-01MYW	FS10-02MYW	FS10-03MYW	FS10-04MYW
	12	Black			FS12-02MY	FS12-03MY	FS12-04MY
		White			FS12-02MYW	FS12-03MYW	FS12-04MYW

Product Name			O.D①					
		4	6	8	10	12	16	
Bulkhead Union								
		Black	F4-00BU	F6-00BU	F8-00BU	F10-00BU	F12-00BU	F16-00BU
		White	F4-00BUW	F6-00BUW	F8-00BUW	F10-00BUW	F12-00BUW	F16-00BUW

FIVE SPEED CONTROLLER SUS303

Product Name	O.D	Body Color	Screw Thread				
			M 5	R 1/8	R 1/4	R 3/8	R 1/2
Speed Controller a 	OUT	4 Black	FS4R-M5SC-O	FS4R-01SC-O			
		4 White	FS4R-M5SCW-O	FS4R-01SCW-O			
		6 Black	FS6R-M5SC-O	FS6R-01SC-O	FS6R-02SC-O		
		6 White	FS6R-M5SCW-O	FS6R-01SCW-O			
		8 Black		FS8R-01SC-O	FS8R-02SC-O	FS8R-03SC-O	
		8 White		FS8R-01SCW-O	FS8R-02SCW-O	FS8R-03SCW-O	
		10 Black			FS10R-02SC-O	FS10R-03SC-O	FS10R-04SC-O
		10 White			FS10R-02SCW-O	FS10R-03SCW-O	FS10R-04SCW-O
		12 Black				FS12R-03SC-O	FS12R-04SC-O
		12 White				FS12R-03SCW-O	FS12R-04SCW-O
	IN	4 Black	FS4R-M5SC-I	FS4R-01SC-I			
		4 White	FS4R-M5SCW-I	FS4R-01SCW-I			
		6 Black	FS6R-M5SC-I	FS6R-01SC-I	FS6R-02SC-I		
		6 White	FS6R-M5SCW-I	FS6R-01SCW-I			
		8 Black		FS8R-01SC-I	FS8R-02SC-I	FS8R-03SC-I	
		8 White		FS8R-01SCW-I	FS8R-02SCW-I	FS8R-03SCW-I	
		10 Black			FS10R-02SC-I	FS10R-03SC-I	FS10R-04SC-I
		10 White			FS10R-02SCW-I	FS10R-03SCW-I	FS10R-04SCW-I
		12 Black				FS12R-03SC-I	FS12R-04SC-I
		12 White				FS12R-03SCW-I	FS12R-04SCW-I

The following items are for both Touch Connector Five and Touch Connector Five SUS303.

※ 16 mm is not a SUS specification.

Straight  P15	Resin Elbow  P15	Union  P17	Different Union  P17
Union Elbow  P17	Union Tee  P17	Different Union Tee  P18	Union Y  P17
Different Union Y  P18	Reducer  P18	Male Conncter  P18	Joint・Different Joint  P17・18

TOUCH CONNECTOR FUJI (Metal Type)

Product Name	O.D	Screw Thread				
		M 5	R 1 / 8	R 1 / 4	R 3 / 8	R 1 / 2
Straight 	4	4-M5M	4-01M	4-02M		
	6	6-M5M	6-01M	6-02M	6-03M	
	8		8-01M	8-02M	8-03M	
	10		10-01M	10-02M	10-03M	10-04M
	12			12-02M	12-03M	12-04M
Elbow 	4	4-M5ML	4-01ML	4-02ML		
	6	6-M5ML	6-01ML	6-02ML	6-03ML	
	8		8-01ML	8-02ML	8-03ML	
	10		10-01ML	10-02ML	10-03ML	10-04ML
	12			12-02ML	12-03ML	12-04ML
Long Elbow 	4		4-01M2L	4-02M2L		
	6		6-01M2L	6-02M2L		
	8		8-01M2L	8-02M2L	8-02M3L	
	10			10-02M2L	10-02M3L	10-02M4L
	12			12-02M2L	12-02M3L	12-02M4L
Single Banjo 	4	4-M5S1	4-01S1	4-02S1		
	6	6-M5S1	6-01S1	6-02S1	6-03S1	
	8		8-01S1	8-02S1	8-03S1	
	10		10-01S1	10-02S1	10-03S1	10-04S1
	12				12-03S1	12-04S1
Branch Tee 	4	4-M5MT	4-01MT	4-02MT		
	6	6-M5MT	6-01MT	6-02MT	6-03MT	
	8		8-01MT	8-02MT	8-03MT	
	10		10-01MT	10-02MT	10-03MT	10-04MT
	12			12-02MT	12-03MT	12-04MT
Run Tee 	4	4-M5RT	4-01RT	4-02RT		
	6	6-M5RT	6-01RT	6-02RT	6-03RT	
	8		8-01RT	8-02RT	8-03RT	
	10		10-01RT	10-02RT	10-03RT	10-04RT
	12			12-02RT	12-03RT	12-04RT
Single Banjo 	4	4-M5MS2	4-01S2			
	6		6-01S2	6-02S2		
	8		8-01S2	8-02S2	8-03S2	
	10			10-02S2	10-03S2	
	12				12-03S2	12-04S2
Double Banjo 	4		4-01S3			
	6		6-01S3	6-02S3		
	8		8-01S3	8-02S3	8-03S3	
	10			10-02S3	10-03S3	
	12				12-03S3	12-04S3
Triple Banjo 	4		4-01D3			
	6		6-01D3	6-02D3		
	8		8-01D3	8-02D3	8-03D3	
	10			10-02D3	10-03D3	
	12				12-03D3	12-04D3

Product Name		O.D①			
		4	6	8	10
Reducer 	②	6	4-6RC		
	②	8	4-8RC	6-8RC	
	②	10	4-10RC	6-10RC	8-10RC
	②	12		6-12RC	8-12RC
					10-12RC

TOUCH CONNECTOR FUJI (Metal Type)

Product Name		Screw Thread			
		Rc1/8	Rc1/4	Rc3/8	Rc1/2
Female Connector 	4	4-01F	4-02F		
	6	6-01F	6-02F	6-03F	
	8	8-01F	8-02F	8-03F	
	10		10-02F	10-03F	10-04F
	12		12-02F	12-03F	12-04F
Female Bulk 	4	4-01FB			
	6		6-02FB		
	8		8-02FB		
	10			10-03FB	
	12			12-03FB	

Product Name	O.D		O.D				
			4	6	8	10	12
Union 			4-00U	6-00U	8-00U	10-00U	12-00U
Union Tee 			4-00UT	6-00UT	8-00UT	10-00UT	12-00UT
Bulk Head Union 			4-00BU	6-00BU	8-00BU	10-00BU	12-00BU
Indicator Ring 			4-CR	6-CR	8-CR	10-CR	12-CR
Blind Plug 			RP-4	RP-6	RP-8	RP-10	RP-12

FUJI SPEED CONTROLLER (Metal Type)

Product Name	O.D		Screw Thread				
			M5	R 1/8	R 1/4	R 3/8	R 1/2
Speed Controllerα 	O	4	4-M5SC-O	4-01SC-O			
		6	6-M5SC-O	6-01SC-O	6-02SC-O		
		8		8-01SC-O	8-02SC-O	8-03SC-O	
		10			10-02SC-O	10-03SC-O	10-04SC-O
		12				12-03SC-O	12-04SC-O
	I	4	4-M5SC-I	4-01SC-I			
		6	6-M5SC-I	6-01SC-I	6-02SC-I		
		8		8-01SC-I	8-02SC-I	8-03SC-I	
		10			10-02SC-I	10-03SC-I	10-04SC-I
		12				12-03SC-I	12-04SC-I
Speed Controllerβ 	O	4	B4-M5SC-O	B4-01SC-O			
		6	B6-M5SC-O	B6-01SC-O	B6-02SC-O		
		8		B8-01SC-O	B8-02SC-O	B8-03SC-O	
		10			B10-02SC-O	B10-03SC-O	B10-04SC-O
		12				B12-03SC-O	B12-04SC-O
	I	4	B4-M5SC-I	B4-01SC-I			
		6	B6-M5SC-I	B6-01SC-I	B6-02SC-I		
		8		B8-01SC-I	B8-02SC-I	B8-03SC-I	
		10			B10-02SC-I	B10-03SC-I	B10-04SC-I
		12				B12-03SC-I	B12-04SC-I