

Glass Yarn



Properties

Yarns twisted in one direction are called single yarn, and those twisted to the right and left are called S-twist yarn and Z-twist yarn respectively. Several single yarns twisted together are called plied yarn.

Single and plied yarn are used selectively according to each purpose and yarns are also used as the material for weaving cloth and tape.

Specifications

Yarn no.	Nominal dia. of filament	Total no. of filament	Total tex (g/1000m)	Denier (g/9000m)	No. of twist (times/25mm)	Tensile strength (kgf)	Standard weight(kg)	Standard length(m)
B300 1/0 1Z	3	600	16.8	151	1.0	>=1.3(12.7)	0.8	47600
B150 1/0 1Z	3	1200	33.7	303	1.0	>=2.6(25.4)	0.9	28000
B150 4/2 3.8S	3	9600	270.0	2430	3.8	>=17.0(166)	3.2	12000
D900 1/0 1Z	5	100	5.6	50	1.0	>=0.3(2.9)	1.2	214000
D900 1/2 4.4S	5	200	11.2	101	4.4	>=0.57(5.5)	1.1	98200
D450 1/0 1Z	5	200	11.2	101	1.0	>=0.6(5.8)	1.1	98800
D450 1/2 4.4S	5	400	22.5	202	4.4	>=1.1(10.8)	2.1	96400
D450 4/3 10Z	5	2400	140.0	1260	10.0	>=6.1(59.8)	3.2	23500
DE150 1/0 0.7Z	6	400	33.7	303	0.7	>=1.7(16.6)	3.8	112600
DE150 1/2 3.8Z	6	800	67.5	608	3.8	>=3.2(31.3)	3.7	55000
DE75 1/0 0.7Z or 1Z	6	800	67.5	608	0.7Z or 1.0	>=3.3(32.3)	3.8	56300
DE75 1/2 3.8S	6	1600	135.0	1215	3.8	>=6.5(63.7)	3.7	27300
E225 1/0 1Z	7	200	22.5	203	1.0	>=1.1(10.7)	3.8	168800
E225 1/2 4.4S	7	400	45.0	405	3.8	>=2.1(20.5)	3.6	80000
G150 1/0 0.7Z or 1Z	9	200	33.7	303	0.7Z or 1.0	>=1.6(15.6)	3.8	112600
G150 1/2 3.8S	9	400	67.5	608	3.8	>=3.1(30.4)	3.7	55800
G150 1/3 3.8S	9	600	101.2	911	3.8	>=4.4(43.1)	3.7	37000
G75 1/0 0.7Z or 1Z	9	400	67.5	608	0.7Z or 1.0	>=3.1(30.4)	3.8	56300
G75 1/2 3.8S	9	800	135.0	1215	3.8	>=6.0(58.8)	3.7	27300
G75 1/3 3.8S	9	1200	202.5	1823	3.8	>=8.9(87.2)	3.7	18400
G75 1/4 4.4S	9	1600	270.0	2430	4.4	>=11.6(113)	3.7	13600
G75 1/5 3.8S	9	2000	337.5	3076	3.8	>=13.8(135)	3.7	11000
G37 1/0 1Z	9	800	135.0	1215	1.0	>=6.2(60.8)	3.8	28300
G37 1/2 3.8S	9	1600	270.0	2430	3.8	>=12.0(117)	3.7	13900
G37 1/3 3.8S	9	2400	404.9	3644	3.8	>=17.8(174)	3.7	9300
G37 1/5 3.8S	9	4000	675.0	6075	3.8	>=27.5(269)	3.7	5600
G37 1/6 3.8S	9	4800	810.0	7290	3.8	>=32.5(318)	3.7	4600

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