



PTFE WARE

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Demeanour for selection & use of Blancoz Stirring Bars

Magnetic Stirring bars, also known as Rotors, Paddles & Followers etc, consist of Magnets summarized (Capsulated) in PTFE through Moulding. PTFE in Chemistry is known as polytetrafluoroethylene (PTFE) is a synthetic fluoropolymer which finds numerous applications. PTFE's most well known trademark in the industry is the Dupont brand name Teflon PTFE has an extremely low coefficient of friction is very non-reactive, and so is often used in containers and pipework for reactive and corrosive chemicals. Where used as a lubricant, PTFE significantly reduces friction, wear and energy consumption of machinery. PTFE is a white solid at room temperature, with a density of about 2.2 g/cm³. According to DuPont its melting point is 327 C (620.6 F), but its properties degrade above 260 C (500 F). It's non toxic, chemically inert & non combustible.

Selecting Blancoz Magnetic Stirring bars of a proper size & shape can assure good stirring results. Though there are many factors such as shape of vessel, gumminess of solution & turbulence which can affect the stirring process of the solution. For most advantageous competence, Blancoz Stirring bars should be placed directly over the centre of the drive magnet. The distance between the Magnetic Poles of the drive magnet & the length of stirring bar should be equal for the best magnetic intermingle. Speed of Motor of the stirrer should be gradually increased to get the best results. The shape of Bar has strong influence on the resulting whirlpool. To pop in & confiscate the bars in & from the solution, use Blancoz Magnetic Rescuer or Retriever.

Blancoz Magnetic bars are technically advanced with high Magnetic Strength, flawless & fine finishing which makes it one of the best available in the Market. Blancoz is swollen with pride to instigate the said range of stirring Bars.

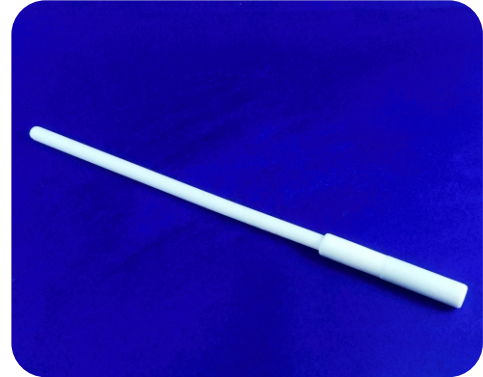


186 Magnetic Retrievers & Rescues

Material : PTFE Cylindrical permanent magnet sealed at the end for removal or inserting of bars.

NEW SIZES

Code	Length mm	Packing
1860150	150	1
1860200	200	1
1860250	250	1
1860300	300	1
1860450	450	1
1860600	600	1



187 Coated Magnetic Bars Cylindrical Shape

Material : PTFE

Code	Size mm	Packing
1870508	5 x 8 mm	12 Pcs
1870510	5 x 10 mm	12 Pcs
1870612	6 x 12 mm	12 Pcs
1870618	6 x 18 mm	12 Pcs
1870625	6 x 25 mm	12 Pcs
1870630	6 x 30 mm	12 Pcs
1870715	7 x 15 mm	12 Pcs
1870920	9 x 20 mm	12 Pcs
1870925	9 x 25 mm	12 Pcs
1870930	9 x 30 mm	12 Pcs
1870935	9 x 35 mm	12 Pcs
1871040	10 x 40 mm	6 Pcs
1871045	10 x 45 mm	6 Pcs
1871050	10 x 50 mm	3 Pcs
1871060	10 x 60 mm	3 Pcs
1871075	10 x 75 mm	3 Pcs
1871335	13 x 35 mm	3 Pcs
1871350	13 x 50 mm	3 Pcs
1871375	13 x 75 mm	3 Pcs



188 Coated Magnetic Needle Oval Shape

Material : PTFE

Code	Size mm	Packing
1880408	4 x 8 mm	12 Pcs
1880510	5 x 10 mm	12 Pcs
1880615	6 x 15 mm	12 Pcs
1881020	10 x 20 mm	12 Pcs
1881225	12 x 25 mm	12 Pcs
1881630	16 x 30 mm	12 Pcs
1881635	16 x 35 mm	12 Pcs
1882040	20 x 40 mm	3 Pcs
1882050	20 x 50 mm	3 Pcs
1882064	20 x 64 mm	3 Pcs
1882070	20 x 70 mm	3 Pcs



189 Coated Magnetic Bar - Cross Head Shape

Material : PTFE

Code	Size mm	Packing
1891010	10 x 10 mm	6 Pcs
1892020	20 x 20 mm	6 Pcs
1892525	25 x 25 mm	6 Pcs
1893030	30 x 30 mm	6 Pcs
1893838	38 x 38 mm	6 Pcs



190 Coated Magnetic Bar - Star Shape

Material : PTFE Unique shape used for small vessels to give peak & base assures complete stimulation. effective stirring action, four blades impeller gives round water act, fins at effective stirring action, it's four bladed

Code	Size mm	Packing
1901010	10 x 10 mm	6 Pcs
1901412	14 x 12 mm	6 Pcs
1901713	17 x 13 mm	6 Pcs
1902215	22 x 15 mm	6 Pcs



191 Coated Magnetic Bars - Dumbbell Shape

Material : PTFE Unique shape used for small vessels to give peak & base assures complete stimulation. effective stirring action, four blades impeller gives round water act, fins at effective stirring action, it's four bladed



Code	Size mm	Packing
1913220	9 x 32 x 20	3 Pcs
1915220	9 x 52 x 20	3 Pcs

192 Coated Magnetic Bars Octagonal

Material : PTFE Moulded with spin around Ring, the said Octagonal Bars have angular surface which form strong commotion contrast to Cylindrical Shape



Code	Size mm	Packing
1920513	5 x 13	12 Pcs
1920615	6 x 15	12 Pcs
1920720	7 x 20	12 Pcs
1920825	8 x 25	12 Pcs
1920830	8 x 30	12 Pcs
1920928	9 x 28	12 Pcs
1920935	9 x 35	12 Pcs
1920950	9 x 50	6 Pcs
1921040	10 x 40	6 Pcs
1921080	10 x 80	6 Pcs

193 Coated Magnetic Micro Bars

Material : PTFE . It's most excellent to use in small sample stirring of liquid. It can also be used in Cells of Spectrophotometers



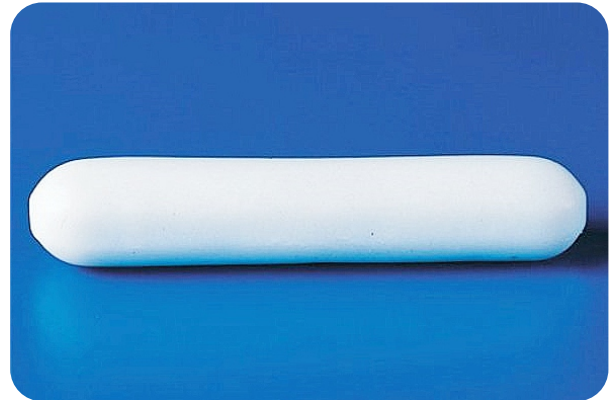
Code	Size mm	Packing
1930306	3 x 6	12 Pcs
1930308	3 x 8	12 Pcs

252 Polygon Magnetic Bars

Material : PTFE

NEW SIZES

Code	Size mm	Packing
2520610	6 x 10	6
2520814	8 x 14	6
2520822	8 x 22	6
2520830	8 x 30	6
2520840	8 x 40	6
2520850	8 x 50	6
2520860	8 x 60	6



253 Stuffing Box

Material : PTFE

Stuffing Box Glands Come With cap having shaft dia from 6 to 19mm

NEW SIZES

Code	Size	Shaft Dia	Packing
2530014	B14	6	1
2530019	B19	8	1
2530024	B24	8/10	1
2530029	B29	8/10	1
2530034	B34	8/10	1
2530040	B40	8/10	1
2530045	B45	10/12	1
2530050	B50	10/12	1
2530055	B55	10/12	1



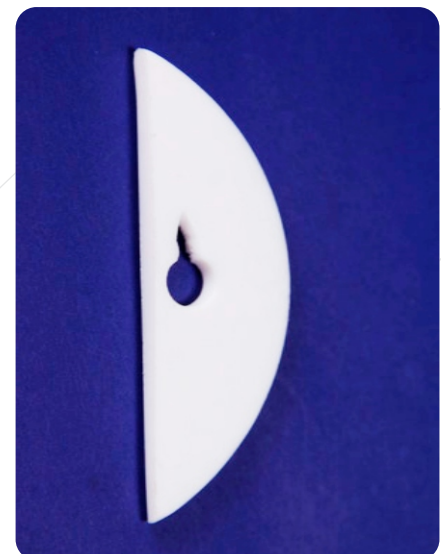
254 Blades - Stirrer

Material : PTFE

Stirrer Blades Moon Shaped with long groove key hole for glass stirrer shafts.

NEW SIZES

Code	Size mm	Thickness	Bore	Socket	Capacity ml	Packing
2544020	40 x 20	3.0	6	24/29	50	1
2545020	50 x 20	3.0	10	24/29	100	1
2547520	75 x 20	3.0	10	24/29	500	1
2547525	75 x 25	3.0	10	29/32	500	1
2547530	75 x 30	3.0	10	34/39	500	1
25410020	100 x 20	3.0	10	24/29	2000	1
25410025	100 x 25	3.0	10	29/32	2000	1
25410030	100 x 30	3.0	10	34/39	2000	1
25412530	125 x 30	4.0	10	34/39	2000	1
25415030	150 x 30	5.0	10	34/39	5000	1
25417530	175 x 30	5.0	10	34/39	10000	1
25420050	200 x 50	6.0	10	55/44	10000	1



255 Beakers

Material : PTFE

Made of PTFE tall shape, griffon with spout, unbreakable, Resistant against all chemicals except molten metal's and fluoride, smooth surface non contamination and particularly valuable for critical laboratory operation even at elevated temperatures made upto 275°C

NEW SIZES

Code	Capacity ml	Packing
2550001	1	1
2550003	3	1
2550005	5	1
2550010	10	1
2550025	25	1
2550050	50	1
2550100	100	1
2550150	150	1
2550250	250	1
2550400	400	1
2550500	500	1
2550600	600	1
2551000	1000	1
2552000	2000	1
2555000	5000	1



256 Lid For Beakers

Material : PTFE

NEW SIZES

Code	Capacity ml	Packing
2560001	1	1
2560003	3	1
2560005	5	1
2560010	10	1
2560025	25	1
2560050	50	1
2560100	100	1
2560150	150	1
2560250	250	1
2560400	400	1
2560500	500	1
2560600	600	1
2561000	1000	1
2562000	2000	1
2565000	5000	1



257 Crucibles

Material : PTFE

NEW SIZES

Code	Capacity ml	Packing
2570015	15	1
2570025	25	1
2570050	50	1
2570080	80	1
2570100	100	1



258 Lids for Crucibles

Material : PTFE

NEW SIZES

Code	Capacity ml	Packing
2580015	15	1
2580025	25	1
2580050	50	1
2580080	80	1
2580100	100	1

259 Wide Mouth Bottles

Material : PTFE

PTFE wide mouth bottles, sturdy strong wall design including screw closure.

NEW SIZES

Code	Capacity ml	Packing
2590025	25	1
2590050	50	1
2590100	100	1
2590250	250	1
2590500	500	1
2591000	1000	1
2592000	2000	1