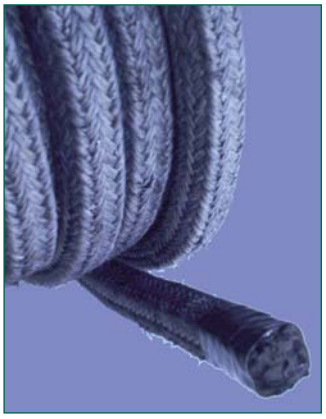
Style 1550, 1555

Graphite Filament High Performance Packing

Product Data



Material: Pure 99% assay graphite filament is either supplied with no extra finish (Style 1550) or with a fine graphite particle impregnation (Style 1555)

Construction: Interwoven™ braid

Temperature Limit: 1200ºF (650ºC) in steam
800ºF (427ºC) in oxidizing atmospheres
6000ºF (3300ºC) in non-oxidizing atmospheres

pH Range: 1 – 14 (all fluids except strong oxidizers in the 1 – 2 pH range, such as oleum, fluorine, fuming nitric acid and aqua regia)

Pressure Limit: 3500 psi (241 bar)

PV Factor: 800,000

Shaft Speed: 4000 fpm (20.3 m/s)

Features

- Style 1550 is manufactured of light-weight graphite yarn, twisted together and interwoven braided, providing a high-strength packing capable of resisting almost all chemical attack.
- Style 1555 contains a special solid lubricant, used to provide a bearing film and prevent wicking, reduces the coefficient of friction to practically zero (will not fray).
- Graphite, PTFE, dissipates heat, keeping the stuffing box cool, allowing higher shaft speeds and permitting lower leak-off.

Typical Applications

These severe service packings can be effectively applied on all rotating/reciprocating shafts, valves and agitators. Especially effective in digestors and chemical pumps.

How to Order

Specify: style number, size, poundage and packaging desired

Size	in	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"
	mm	3,20	4,80	6,40	7,90	9,50	11,10	12,70	14,30	15,90	17,50	19,10	20,60	22,20	23,80	25,40
1550(N) Length (±10%)	ft/lb	164.00	69.05	45.24	28.22	20.03	15.60	11.51	9.00	7.23	6.25	4.78	4.20	3.60	3.15	2.92
	M/kg	110,00	46,26	30,31	18,91	13,42	10,45	7,71	6,03	4,84	4,19	3,20	2,81	2,41	2,11	1,96
1555 Length (±10%)	ft/lb	111.90	55.83	32.33	25.98	16.18	12.60	10.54	7.40	6.16	5.22	3.99	3.85	3.35	3.00	2.63
	M/kg	74,97	37,41	21.66	17,41	10,84	8,44	7,06	4,96	4,13	3,50	2,67	2,58	2,25	2,01	1,76
Packaging		*Sizes 1/8" through 1/2" available in 1 lb. spools. All sizes available in 5 and 10 lb. boxes; 25 and 50 lb. reels.														

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