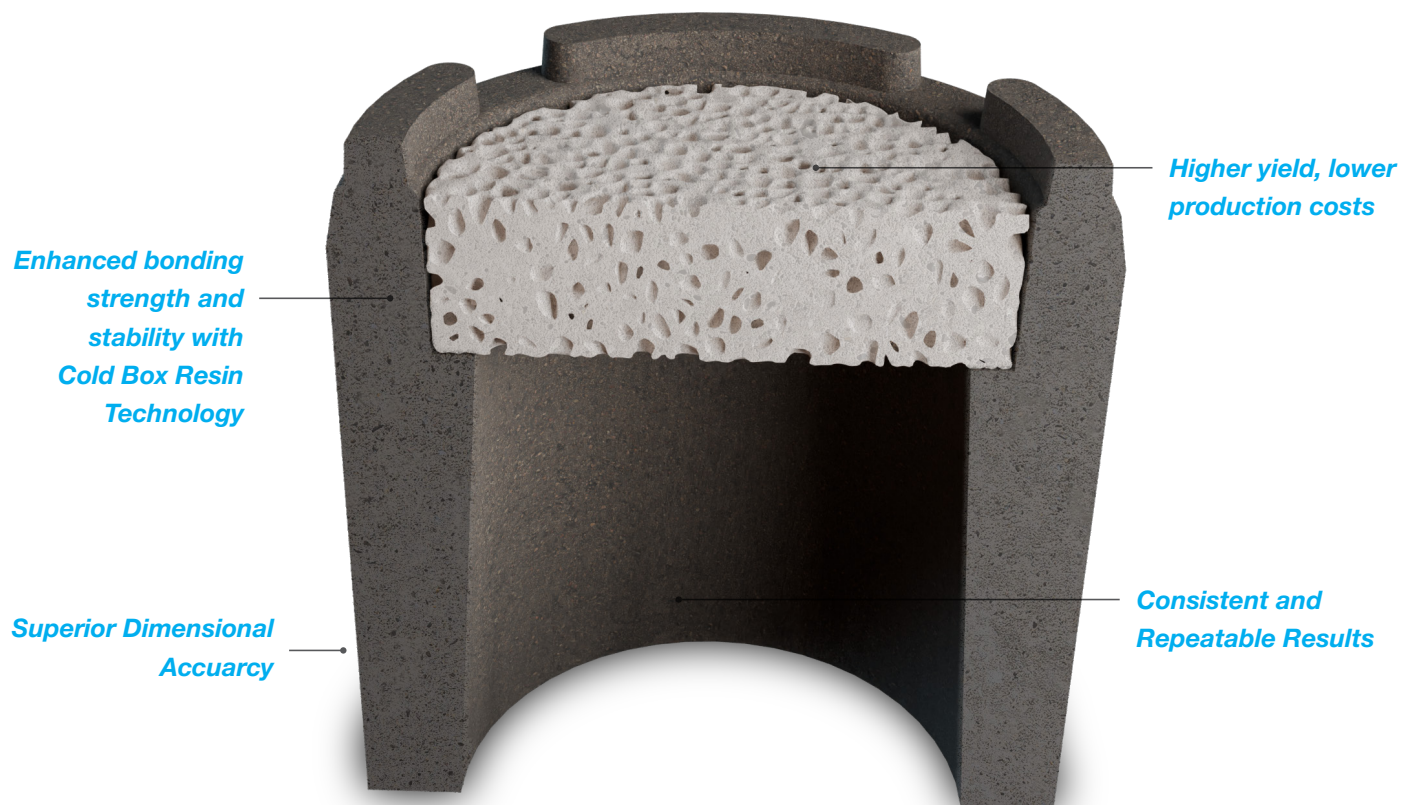


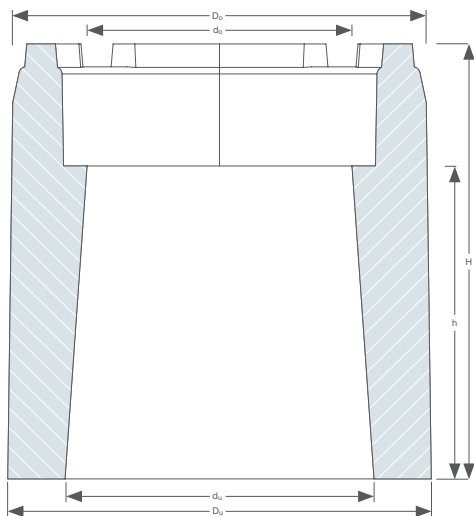
Product Information |

Clean Pour Technology for the Americas



CHEMEX

Member of H&M Group



Clean Pour, top view

Clean Pour is our innovative first direct pour design, setting a new standard in casting precision and performance. This feeder application harnesses the power of Chemex's advanced cold box bonded insulating sleeve technology to deliver unmatched dimensional accuracy and repeatable castings results that set a new benchmark in the foundry industry.

Direct pour is a method that simplifies the casting process by allowing molten metal to be poured directly into the mold cavity through a specialized feeder system. This method offers several technical advantages:

- Enhanced Yield: Clean Pour eliminates the need for a

traditional gating system, reducing metal usage and improving casting efficiency. Its direct pour design also allows for the potential of more castings per mold.

- Improved Solidification: Clean Pour promotes better directional solidification, resulting in higher quality castings with fewer defects.
- Reduced scrap and finishing costs: Minimizes defects and the need for extensive post-casting processing

This method is particularly useful for complex castings and can be applied to various metals, including iron, steel, and aluminum.

METRIC

CPI Type		State as delivered								
Type		Modulus [cm]	Vol. [cm³]	Du [mm]	du [mm]	Do [mm]	do [mm]	H [mm]	h [mm]	Filter [mm]
CP	74 80 D50x22	1.5	148	74	52	72	42	76	53	50
CP	81 90 D60x22	1.7	213	81	56	77	46	86	64	60
CP	94 100 D70x22	2	377	94	69	92	59	97	70	70
CP	104 110 D80x22	2.25	486	104	82	98	70	108	86	80

IMPERIAL

CPI Type		State as delivered								
Type		Modulus [in]	Vol. [in³]	Du [in]	du [in]	Do [in]	do [in]	H [in]	h [in]	Filter [in]
CP	74 80 D50x22	0.59	9.0	2.90	2.05	2.65	1.97	2.98	2.10	1.97
CP	81 90 D60x22	0.67	13.0	3.20	2.20	3.03	2.36	3.38	2.50	2.36
CP	94 100 D70x22	0.79	23.0	3.70	2.70	3.50	2.72	3.80	2.74	2.76
CP	104 110 D80x22	0.89	29.7	4.08	3.23	3.87	3.15	4.25	3.40	3.15

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