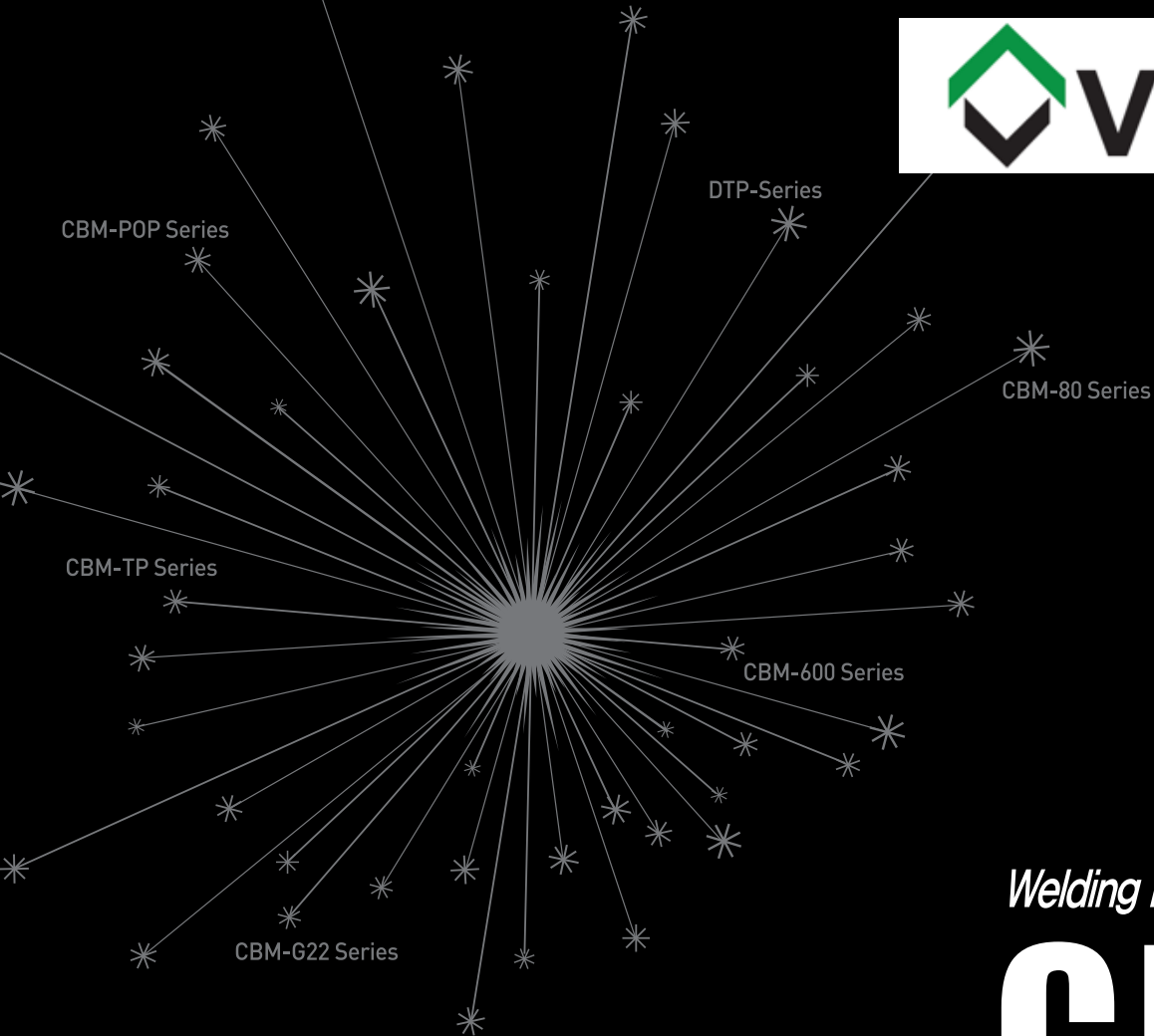




Welding Back up Material

CBM

CBM-80 Series

CBM-80 Series

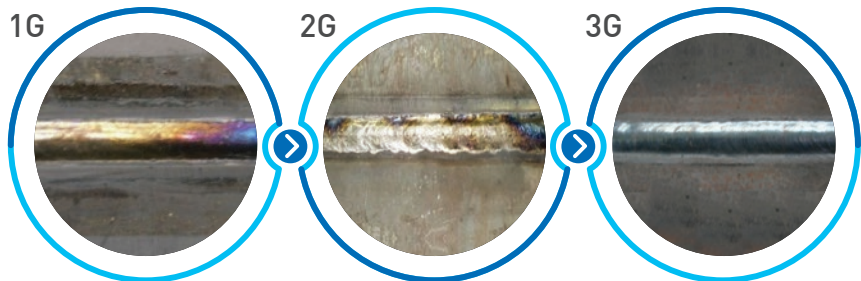


CBM-80Series란?

- CBM-80 series는 동일세라믹스를 대표하는 제품군으로 조선, 해양, 플랜트 및 기타 철구조물 제작에 사용되고 있다.
The CBM-80 series, the most popular product family made by DONG IL Ceramics, are widely used as a welding supplement for shipbuilding, marine plants, and any other steel constructions.
CBM-80 series는東一세라믹스를代表する製品で朝鮮, 海洋, プラント及びその他の鉄構造物製作に使用されている。
- CBM-80 series는 내열성이 강화된 접착제를 사용한 알루미늄 테이프와 열충격에 강한 재질로 되어있는 세라믹 블록으로 구성된다.
The CBM-80 series consist of aluminum adhesive tape, which is specially designed for the heat resistance, and ceramic blocks, which can resist strong heat shock.
CBM-80 series는耐熱性が強化された粘着剤を使ったアルミニウムテープと熱衝撃に強いセラミックスブロックで構成される。

CBM-80Series의 특징

- CBM-80 series 는 FCAW, GMAW를 포함한 대부분의 One-sided Welding 기법에 적용 가능하다.
The CBM-80 series can be used for most types of one-sided welding, including FCAW and GMAW.
CBM-80 series 는FCAW, GMAWを含めて大体のOne-sided Weldingに適合。
- CBM-80 series 는 전자세(1G, 2G, 3G, 4G) 용접에 적용 가능하다.
The CBM-80 series can be applied to all welding posture (1G, 2G, 3G, 4G).
CBM-80 series 는全姿勢(1G, 2G, 3G, 4G) 溶接で 適合。
- CBM-80 series 는 용접 진행성의 획기적 향상을 실현하여 작업시간을 단축시키며, 또한 슬래그 박리성이 뛰어나 깨끗한 이면 비드를 형성한다.
The CBM-80 series, which improved welding efficiency remarkably, can not only shorten the working hours but also guarantee the excellent slag removability and top quality of backside bead formation (Smooth and clean) .
CBM-80 series 는溶接進行性の画期的な向上を実現して作業時間を短めさせえた。 また、スラグ薄利性がすぐれてきれいな裏ビードを形成する。



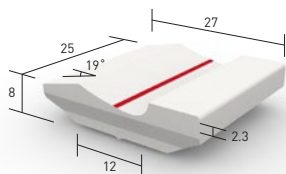
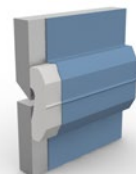
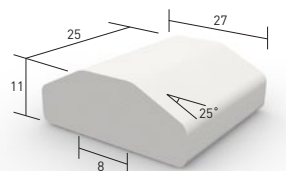
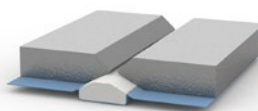
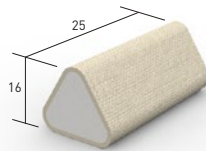
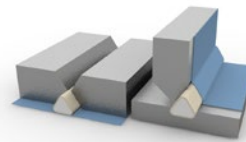
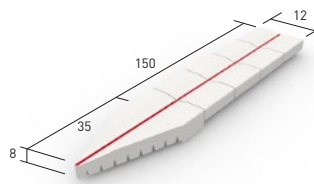
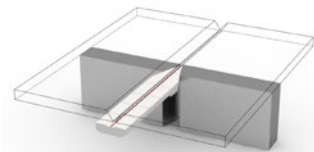
Products	Dimension	Shapes	Application & Remark
CBM 8061			FCAW, GMAW 표준형 백킹재 조선, 해양, 플랜트, 교량, 철구조물 등에 사용함. Standard back-up tape. Well-suited for shipbuilding, marine, plant, bridge, steel structures, etc. 標準型裏当材 造船、海洋、プラント、鉄構造物、橋梁などの製作で一般的に使われる。
CBM 8061M			표준형 흡습방지 백킹재 Standard back-up tape for water resistant (moisture absorption prevention) 吸湿防止の標準型裏当材
CBM 8061(3)			FCAW, GMAW 표준형과 동일한 용도이며, 고전류 용접에 적합함. The same uses as standard type and well-suited for high current. 標準型と同じ用途で高電流の溶接に適する。
CBM 8061(4)			FCAW, GMAW 표준형과 동일한 용도이며, Wide gap에 사용함. The same uses as standard type and well-suited for wide gap. 標準型と同じ用途でワイドギャップに適する。
CBM 8061(4G)			대입열 대입열 용접에 적합함. Suitable for high heat input welding. 大入熱溶接に適している。
CBM 8061(5)			FCAW, GMAW 표준형과 동일한 용도이며, 슬래그 처리와 가스배출이 용이함. The same uses as standard type. The excellent removability of slag and better welding gas emission are guaranteed. 標準型と同じ用途で開先幅に応じて適する。
CBM 8061(6)			FCAW, GMAW 표준형과 동일한 용도이며, 와이어타입임. The same uses as standard type. Two steel wires are inserted to ceramic blocks. 用途は標準型と同一でアルミテープなしでワイヤでセラミックが結ばれている。
CBM 8061(7)			FCAW, GMAW 표준형과 동일한 용도이며, 와이어타입임. The same uses as standard type. Two steel wires are inserted to ceramic blocks. 用途は標準型と同一でアルミテープなしでワイヤでセラミックが結ばれている。

Products	Dimension	Shapes	Application & Remark
CBM 8061(8)			FCAW, GMAW 표준형과 동일한 용도이며, 메탈케이스타입임. The same uses as standard type. Ceramic blocks are inserted to metal case. 用途は標準型と同一でアルミテープなしでメタルケースタイプである。
CBM 8061(9)			FCAW, GMAW 표준형과 동일한 용도이며, 메탈케이스타입임. The same uses as standard type. Ceramic blocks are inserted to metal case. 用途は標準型と同一でアルミテープなしでメタルケースタイプである。
CBM 8061(1/2)			FCAW, GMAW Pipe, cylinder part 등과 같은 곡부위에 적합함. Suitable for curved surfaces like pipes or cylinders. パイプなどの曲面に適用し湾曲しやすい。
CBM 8061F			FCAW, GMAW 표준형과 동일한 용도. 백비드 형성이 수월하며 용접중 발생하는 슬래그(Slag)처리가 용이함. The same uses as standard type. Simplifying backside bead creation and slag removal during welding. 標準型と同じ用途で裏ビ드의形成と溶接中に発生するスラグの処理が容易する。
CBM 8061J			FCAW, GMAW 표준형과 동일한 용도. The same uses as standard type. 標準型と同じ用途で開先幅に応じて使い分ける。
CBM 8061CA			니켈강 전용 백킹재 Back-up tape for the nickel steel ニッケル鋼溶接用
CBM 8061S			FCAW, GMAW 표준형과 동일한 용도이며 입향상진 용접에 적합함. The same uses as standard type and well-suited for vertical-up welding. 標準型と同じ用途で立向溶接用に適する。
 CBM 8061T			FCAW, GMAW 횡향 용접 전용(CBM-8072와 같이 사용). Suitable for horizontal welding [Used together with CBM-8072]. 橫向溶接時に使用. CBM-8072とともに使用する。

Products	Dimension	Shapes	Application & Remark
CBM 8062			FCAW, GMAW 협개선 용접에 적합함. Suitable for narrow gap. 狭開先の溶接に適し裏ビ드가小さい。
CBM 8062M			FCAW, GMAW 챔퍼가 있는 곡부위에 적합함. Suitable for chamfered curved pipe. パイプの溶接に適し片テーパー用である。
 CBM 8063A			FCAW, GMAW X개선, K개선 및 필렛용접에 적합함. Suitable for double vee, double bevel and fillet welding [5, 7, 10, 12, 15]. X開先やK開先等に使用し幅広い個所に適用する。
 CBM 8063C			FCAW, GMAW CBM-8063A와 동일한 용도이며, 양쪽 Ø중 임의로 한쪽을 선택 적용함. The same uses as CBM-8063A, but each side with different Ø can be applied for multi radius degree. 用途はCBM-8063Aと同一で開先形状などに応じて選択する。
 CBM 8063D			FCAW, GMAW CBM-8063A와 동일한 용도이며, Fiber glass로 감싸여 있어 고전류 용접이 가능하며, 취부 및 용접후 제거가 용이함. The same uses as CBM-8063A, but wrapped with fiber glass to be suitable for high current welding. it is removed easily. 用途はCBM-8063Aと同一でグラスファイバが包まれていて高電流溶接が可能である。
CBM 8063(2)			FCAW, GMAW 호퍼블럭 Joint 용접에 사용함. Suitable for Hopper-block Joint welding. Hopper Block Joint に適する。
 CBM 8064			FCAW, GMAW X, K 개선에 사용되며, 개선각도에 따라 선택 적용함 (45°, 60°, 90°는 모재적용 각도임). Used for double vee and double bevel. Selection of line angles available. X、K 開先部に使用. 開先形状などに応じて選択する。
 CBM 8064H			FCAW, GMAW CBM-8064와 동일한 용도이며 좁은 개선에 적용함. The same uses as CBM-8064 and suitable for narrow gap. 用途はCBM-8064と同一でより狭い開先に適する。

Products	Dimension	Shapes	Application & Remark
X 개선 Double vee CBM 8064(1)			FCAW, GMAW X개선에 사용되며, 용접후 슬래그 처리가 용이함. Used for double vee and easy to remove the slag after welding. X開先に適していて溶接後のスラグ処理が容易する。
CBM 8065			FCAW, GMAW 백비드가 필요없는 부위에 적합함. Suitable for welding part with no backside bead. センター溝のないセラミックで構成されており裏ビードの必要のない個所に適用する。
CBM 8065W			FCAW, GMAW 과대갭(Wide Gap) 발생부위에 사용하며 육성 용접에 적합함. Used for wide gap and suitable for built-up welding. ワイドギャブと肉盛溶接に適する。
CBM 8065WE			FCAW, GMAW CBM-8065W와 동일한 용도이며, 내화도가 높아 고입열량 작업에 적합함. The same uses for CBM-8065W, but with higher heat input resistance. 用途はCBM-8065Wと同一で耐熱性をもっと優れていて高 入熱作業に適する。
CBM 8065W(1)			FCAW, GMAW CBM-8065W와 동일한 용도이나, 백비드를 형성함. The same uses as CBM-8065W but suitable for Built-up welding with backside bead. 用途はCBM-8065Wと同一で裏ビードを形成する。
CBM 8066			FCAW, GMAW 챌퍼링(Chamfering) 부위에 적용함(챌퍼각도 : 11°, 19°). Suitable for chamfering [Chamfer angle : 11°, 19°]. 母材の厚さの差によって発生したテーパー部に適用する。
CBM 8066M			FCAW, GMAW 단차(Misalignment) 부위에 적용함. Suitable for misalignments part caused by difference in plate thickness. 母材の厚さの差が生じた継ぎ手部に適用する。
CBM 8067	R : 100, 150, 200, 250, 300		FCAW, GMAW 맨홀(Man Hole), 출입홀(Access Hole)등에 적합함. Suitable for manholes, access holes. マンホール、出入部分に使用する。

Products	Dimension	Shapes	Application & Remark
앵글용 Angle CBM 8068			FCAW, GMAW 앵글 용접에 적합함. Suitable for angle welding. アングル溶接時に使用する。
앵글용 Angle CBM 8068P			FCAW, GMAW 앵글 및 파이프 용접에 적합함. Suitable for angle and pipe welding. アングル及びパイプなどの曲面に適用し湾曲しやすい。
CBM 8069			FCAW, GMAW 6t이하의 모재 용접에 적합함. Suitable for 6t or less thin plate. 6t以下の母材の溶接に適する。
CBM 8070			FCAW, GMAW 과대갭 및 육성용접에 적용함. Suitable for wide gap. 広いギャブの部分に使用する。
CBM 8071			FCAW, GMAW 필렛 용접에 적합함. Suitable for fillet welding. すみ肉溶接に使用する。
CBM 8071S			FCAW, GMAW CBM-8071과 동일한 용도로 사용함. The same uses as CBM-8071. CBM-8071 と同一に適する。
횡향용 Horizontal welding CBM 8072			FCAW, GMAW 횡향 용접에 적합함(CBM-8061T 와 함께 사용). Suitable for horizontal welding (Used together with CBM-8061T). 橫向溶接で裏ビードの垂れを防止する用途で、 CBM-8061T とともに使用する。
CBM 8072S			횡향 자동 용접 백킹재 Back-up tape for the horizontal automatic welding 橫向自動溶接用

Products	Dimension	Shapes	Application & Remark
 CBM 8072C			FCAW, GMAW CBM-8072와 동일한 용도이며 챔퍼링 부위에 적용함. The same uses as CBM-8072, but suitable for chamfered plate. 用途はCBM-8072と同一で母材の厚さの差によって発生したデーパー部に適用する。
 CBM 8073			FCAW, GMAW 과대 X, K 개선 용접에 적용함. Suitable for bigger double vee and double bevel. 過大X開先やK開先溶接に適する。
 CBM 8074			FCAW, GMAW X개선 용접에 사용하며, Fiber glass로 감싸여 있어 고전류 용접이 가능하며 취부와 용접후 제거가 용이함. Suitable for double vee. Wrapped with glass fiber, it is removed easily. X開先溶接に適しているし、グラスファイバが包まれていて高電流溶接が可能である。
 CBM 8075			FCAW, GMAW T-bar 용접 전용 *용접부에 맞게 세라믹을 손쉽게 절단하여 사용함. Specially designed for T bar welding and its length can be changed easily by cutting ceramics. T-bar의継ぎ手用で使用する。 *溶接部にあわせてセラミックを切断して適用する。

CBM-80 Series

ITEM	Size(mm)	Pcs/Box	Box /Pallet	Box(kg)
CBM-8061	1000	30	100	11
CBM-8061{1}	1000	15	100	10
CBM-8061{3}	1000	30	100	11
CBM-8061{4}	1000	15	100	10
CBM-8061{4G}	1000	15	100	11
CBM-8061{5}	1000	30	100	10
CBM-8061{6}	1000	30	100	10
CBM-8061{7}	1000	30	100	10
CBM-8061{8}	1000	30	84	15
CBM-8061{9}	1000	30	84	15
CBM-8061{1/2}	1000	30	100	11
CBM-8061F	1000	30	84	15
CBM-8061J	600	80	40	21
CBM-8061M	1000	30	100	10
CBM-8061S	1000	30	100	11
CBM-8061T	600	150	32	8
CBM-8062	1000	30	100	10
CBM-8063A{5}	1000	100	100	7
CBM-8063A{7}	1000	60	100	7
CBM-8063A{10}	1000	50	100	9
CBM-8063A{12}	1000	30	100	7

* 카다로그상의 제품 포장수량과 도면치수는 설계변경 등의 이유로 상이할 수 있음

Packing quantity and numerical figure on the catalogue can be changed, depends on design change.
カタログ上の製品パッキングの数量及び図面の寸法は設計変更等のことによって変わります。

ITEM	Size(mm)	Pcs/Box	Box /Pallet	Box(kg)
CBM-8063A(15)	1000	28	100	10
CBM-8064	1000	30	100	10
CBM-8065	1000	30	100	11
CBM-8065W	1000	15	100	9
CBM-8065WE	1000	15	100	9
CBM-8065W(1)	1000	15	100	9
CBM-8066	1000	30	100	10
CBM-8067(100R)	Set	10(20)	50(50)	3(6)
CBM-8067(150R)	Set	10(20)	50(50)	4(8)
CBM-8067(200R)	Set	10(15)	50(50)	5(8)
CBM-8067(250R)	Set	10(10)	50(50)	8(8)
CBM-8067(300R)	Set	10(10)	50(50)	9(9)
CBM-8068	1000	30	100	11
CBM-8068P	75	30	—	2.5
CBM-8069	1000	30	100	11
CBM-8070	1000	15	100	9
CBM-8071	1000	30	100	10
CBM-8072	1000	30	100	9
CBM-8073	1000	30	100	8
CBM-8074	600	30	100	8
CBM-8075	150	40	—	2

*[] export packing