CABTITE FR 10/6 BK SET

The frame, fabricated from a single piece, is quick and easy to assemble and consists of dimensionally stable, fibre-glass reinforced plastic. The captive foamed seal guarantees effective IP66 sealing in accordance with DIN EN 60529, even on painted and rough surfaces.

General ordering data

Version	Frame, Cabtite (cable entry system), Polyamide, glass fibre-reinforced, Deep black, Height: 70 mm, Width: 106 mm, Depth: 19.6 mm, -40 °C...120 °C, IP66
Order No.	2583760000
Type	CABTITE FR 10/6 BK SET
GTIN (EAN)	4050118617153
Qty.	1 items

Weidmüller ⊃∈

CABTITE FR 10/6 BK SET

Technical data

Approvals

Approvals	CE
ROHS	Conform

Dimensions and weights

Depth	19.6 mm	Depth (inches)	0.7717 inch
Height	70 mm	Height (inches)	2.7559 inch
Height of lowest version	19.6 mm	Width	106 mm
Width (inches)	4.1732 inch	Diameter	5.5 mm
Mounting dimension - height	83 mm	Mounting dimension - width	32 mm
Net weight	58.1 g		

Temperatures

Operating temperature	-40 °C...120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

General information

Tightening torque	3 Nm	Silicone	No
UL 94 flammability rating	V-0	Halogen	No
Protection degree	IP66	Basic material	Polyamide, glass fibre-reinforced
Sealing	TPE	Protection class (UL)	Type 12, Type 4X
Opening length	68.5 mm	Opening width	46 mm
Sealing element	6 small sealing elements or 1 large sealing element and 2 small sealing elements		

Standard features

Version	in closed state	Reference product	CABTITE FR 16/8 BK, CABTITE GI T BK, CABTITE GI X BK

Important note

Product information	The set is made from UR-certified individual parts, so the approval is also valid for the set. Fixing material for mounting on the enclosure or control cabinet, is not included.

Classifications

ETIM 6.0	EC002624	ETIM 7.0	EC002624
ETIM 8.0	EC002624	ETIM 9.0	EC002624
ETIM 10.0	EC002624	ECLASS 9.0	27-18-28-15
ECLASS 9.1	27-18-92-65	ECLASS 10.0	27-18-28-15
ECLASS 11.0	27-18-28-15	ECLASS 12.0	27-18-28-15
ECLASS 13.0	27-18-28-15	ECLASS 14.0	27-18-28-15

Creation date 27.11.2025 04:22:28 MEZ

CABTITE FR 10/6 BK SET

Technical data

ECLASS 15.0	27-18-28-15

CABTITE FR 10/6 BK SET

Drawings

a)

b)
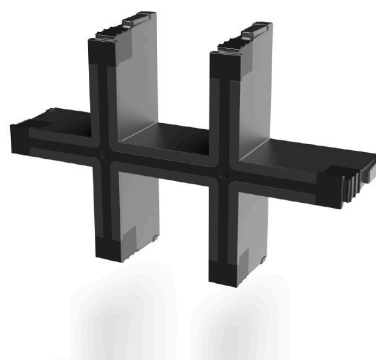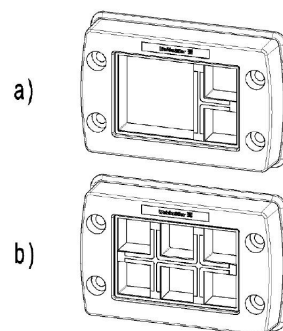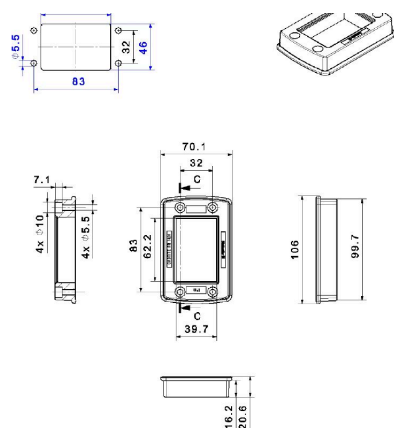
CABTITE FR 10/6 BK SET

Accessories

Shield connection rails

In combination with a large number of different shield connection clamps (KLBÜ), the shield connection rails enable practical, uncomplicated and fast shielding of cables.

General ordering data

Type	CABTITE CR 10/6 EMV	Version	
Order No.	2583930000	Shield connection rail, Cabtite (cable entry system), Steel, galvanized,	
GTIN (EAN)	4050118647044	silver, Height: 35.23 mm, Width: 93 mm, Depth: 16 mm	
Qty.	10 ST		

Locking frame

The frame, fabricated from a single piece, is quick and easy to assemble and consists of dimensionally stable, fibre-glass reinforced plastic. The captive foamed seal guarantees effective IP66 sealing in accordance with DIN EN 60529, even on painted and rough surfaces.

General ordering data

Type	CABTITE FRL 10/6 BK	Version	
Order No.	2584240000	Locking frame, Cabtite (cable entry system), Polyamide, glass fibre-	
GTIN (EAN)	4050118616231	reinforced, Deep black, Height: 68.8 mm, Width: 105 mm, Depth:	
Qty.	10 ST	11.3 mm, -40 °C...120 °C, IP66	

Fixing material

The Cabtite cable entry system offers maximum flexibility in the cable management of control cabinets, enclosures and machines, while at the same time saving time, as well as providing secure sealing and strain relief for pre-terminated and non-terminated cables.
Cabtite's modular design of frame, grid inlays and sealing elements enables rapid configuration of cut-outs for pre-terminated cables - without the use of tools and with a reliable sealing of IP66 according to DIN EN 60529. Frame. Inlay. Sealing element. Three basic components in the modular system guarantee highest flexibility, variability and diversity of variants.

CABTITE FR 10/6 BK SET

Accessories

General ordering data

Type	CABTITE SC M5X25 SET	Version	
Order No.	2635120000	Mounting screw, Cabtite (cable entry system), Stainless steel, rust-	
GTIN (EAN)	4050118662160	proof, silver, Height: 30 mm, Width: 8.5 mm, Depth: 8.5 mm	
Qty.	1 ST		

SE small 20x20mm in grey

Whether a large or small cable diameter – Cabtite always offers the right seal insert.
The conical shape of the sealing elements allows the previously positioned snap-in grid inlays to be pushed in easily from the inside to the outsid. It reliably seals intermediate spaces and provides strain relief in accordance with DIN EN 62444. The seal inserts combined with the frames achieve an IP 66 degree of protection. As a result of its slotted design with wave cut, it is especially suitable for pre-assembled cables.

- The black seal inserts are designed for a particularly high operating temperature and offer fire safety class UL 94 HB
- The grey sealing elements comply with fire safety class UL 94 V0 and are therefore suitable for the demands of the railway industry
- By using multiple inserts, two or more cables, as well as special cables, can be passed through a sealing element

General ordering data

Type	CABTITE BSE SML GY	Version	
Order No.	2583350000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:	
GTIN (EAN)	4050118615609	20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66	
Qty.	10 ST		
Type	CABTITE SE 5-6 SML GY	Version	
Order No.	2583450000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:	
GTIN (EAN)	4050118616538	20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66	
Qty.	10 ST		
Type	CABTITE SE 6-7 SML GY	Version	
Order No.	2583460000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:	
GTIN (EAN)	4050118616668	20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66	
Qty.	10 ST		
Type	CABTITE SE 2/5-6 SML GY	Version	
Order No.	2584890000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:	
GTIN (EAN)	4050118616781	20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66	
Qty.	10 ST		

CABTITE FR 10/6 BK SET

Accessories

SE large 40x40mm in grey

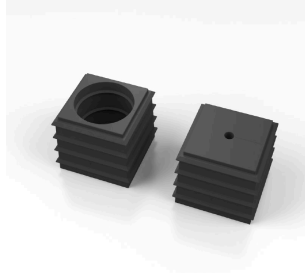Whether a large or small cable diameter – Cabtite always offers the right seal insert.
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- The grey sealing elements comply with fire safety class UL 94 V0 and are therefore suitable for the demands of the railway industry
- By using multiple inserts, two or more cables, as well as special cables, can be passed through a sealing element

General ordering data

Type	CABTITE BSE LRG GY	Version	
Order No.	2584520000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:	
GTIN (EAN)	4050118616330	42.8 mm, Width: 42.8 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66	
Qty.	10 ST		
Type	CABTITE SE 19-20 LRG GY	Version	
Order No.	2584460000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:	
GTIN (EAN)	4050118616491	42.8 mm, Width: 42.8 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66	
Qty.	10 ST		

SE small 20x20mm in black

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CABTITE FR 10/6 BK SET

Accessories

General ordering data

Type	CABTITE BSE SML BK	Version	
Order No.	2584790000	Sealing element, Cabtite (cable entry system), TPE, Deep black,	
GTIN (EAN)	4050118616057	Height: 20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...120 °C,	
Qty.	10 ST	IP66	
Type	CABTITE SE 7-8 SML BK	Version	
Order No.	2584670000	Sealing element, Cabtite (cable entry system), TPE, Deep black,	
GTIN (EAN)	4050118616989	Height: 20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...120 °C,	
Qty.	10 ST	IP66	
Type	CABTITE SE 9-10 SML BK	Version	
Order No.	2584080000	Sealing element, Cabtite (cable entry system), TPE, Deep black,	
GTIN (EAN)	4050118616309	Height: 20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...120 °C,	
Qty.	10 ST	IP66	
Type	CABTITE SE 4/4-5 SML BK	Version	
Order No.	2583560000	Sealing element, Cabtite (cable entry system), TPE, Deep black,	
GTIN (EAN)	4050118616897	Height: 20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...120 °C,	
Qty.	10 ST	IP66	

SE large 40x40mm in black

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General ordering data

Type	CABTITE BSE LRG BK	Version	
Order No.	2583900000	Sealing element, Cabtite (cable entry system), TPE, Deep black,	
GTIN (EAN)	4050118616378	Height: 42.8 mm, Width: 42.8 mm, Depth: 17.7 mm, -40 °C...120 °C,	
Qty.	10 ST	IP66	
Type	CABTITE CSE 7-24 LRG BK	Version	
Order No.	2583500000	Sealing element, Cabtite (cable entry system), TPE, Deep black,	
GTIN (EAN)	4050118615975	Height: 42.8 mm, Width: 42.8 mm, Depth: 63 mm, -40 °C...120 °C,	
Qty.	10 ST	IP66	

CABTITE FR 10/6 BK SET

Accessories

Blanking plug

The blanking plugs are used for the safe closing of unneeded cable passages in the sealing elements.

General ordering data

Type	CABTITE BP 5MM PA	Version	
Order No.	2652330000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 12	
GTIN (EAN)	4050118661835	mm, Width: 5 mm, Depth: 12 mm, -40 ℃...120 ℃, IP66	
Qty.	25 ST		
Type	CABTITE BP 6MM PA	Version	
Order No.	2652340000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16	
GTIN (EAN)	4050118661842	mm, Width: 6 mm, Depth: 16 mm, -40 ℃...120 ℃, IP66	
Qty.	25 ST		
Type	CABTITE BP 7MM PA	Version	
Order No.	2652350000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16	
GTIN (EAN)	4050118662450	mm, Width: 7 mm, Depth: 16 mm, -40 ℃...120 ℃, IP66	
Qty.	25 ST		
Type	CABTITE BP 8MM PA	Version	
Order No.	2652360000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16	
GTIN (EAN)	4050118662467	mm, Width: 8 mm, Depth: 16 mm, -40 ℃...120 ℃, IP66	
Qty.	25 ST		
Type	CABTITE BP 9MM PA	Version	
Order No.	2652370000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16	
GTIN (EAN)	4050118662474	mm, Width: 9 mm, Depth: 16 mm, -40 ℃...120 ℃, IP66	
Qty.	25 ST		
Type	CABTITE BP 10MM PA	Version	
Order No.	2652380000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16	
GTIN (EAN)	4050118662481	mm, Width: 10 mm, Depth: 16 mm, -40 ℃...120 ℃, IP66	
Qty.	25 ST		