KASWELD

Data Sheet

MADE IN INDIA

Welding Cable Double Insulated

When you're working in welding, your tools need to be reliable – and that includes the cables. The Kasweld Heavy-Duty Black Welding Cable is designed for high-performance and long-term use in tough environments. Whether you're on a job site, in a workshop, or in an industrial setting, this cable ensures smooth and safe power delivery from your welding machine to your tool.

This heavy-duty welding cable is made for serious tasks. It’s built to carry high current without overheating or breaking down. Thanks to its fine copper strands and thick outer cover, it stays flexible while being tough enough to handle rough use. The black outer jacket adds a clean, professional look while offering resistance to oil, heat, and cuts.

Key Features

Heavy-Duty Performance: Carries high welding current smoothly for extended periods without interruption.

Pure Copper Core: Stranded copper wires ensure excellent conductivity and long-lasting performance.

Flexible Yet Strong: Easy to roll, bend, and move — even in tight spaces — without cracking or breaking.

Protective Black Jacket: Made from durable rubber, the jacket resists heat, oil, abrasion, and outdoor wear.

Kasweld Quality: A brand trusted for welding tools and accessories, built for professionals who rely on their gear daily.

Available Sizes:

35MM X 50MTR
50mm X 50MTR
70MM X 50MTR

Certifications

ISO 14001 - 2015
ISO 900 - 2015
ISO 45001 - 2018

CE

Report No. : UIL/GTP/24-25/1336

1C X 35.0 Sq. mm. HOFR RUBBER Insulated & sheathed Welding cable with Multistrand Flexible Bare Copper conductor (Class-6) for working voltage up to 100V.

SR. NO	Description	Unit	1C X 35.0 SQ.MM. CU WELDING CABLE (HOFR) - 1013197
1	**MAKE**		KASWELD
2	STANDARD APPLICABLE		-----
3	RATED VOLTAGE	VOLT	100 V
4	SUITABLE FOR EARTHED OR UNEARTHED SYSTEM		-----
	CONSTRUCTIONAL DETAILS		
5	CONDUCTOR		MULTISTRAND FLEXIBLE BARE COPPER (EC GRADE)
6	NUMBERS OF WIRES & DIAMETER	NOS./MM	342 X 0.282
7	SHAPE OF CONDUCTOR		CIRCULAR
8	**INSULATION**		
	A) COMPOSITION OF INSULATION		HOFR RUBBER
	B) NOMINAL THICKNESS OF INSULATION	MM	1.00
	C) COLOUR SCHEME FOR INDENTIFICATION		BLACK
	D) APPROX OVERALL DIA. OF CABLE (+/- 2 MM)	MM	8.30
9	**OUTER SHEATH**		
	A) COMPOSITION OF OUTER SHEATH		HOFR SHEATH
	B) NOMINAL THICKNESS OF INSULATION	MM	1.00
	C) COLOUR SCHEME FOR INDENTIFICATION		BLACK
	D) APPROX OVERALL DIA. OF CABLE (+/- 2 MM)	MM	10.50
10	**ELECTRICAL CHARACTERISTICS**		
	MAX. D.C. RESISTANCE AT 20 DEG. C	OHM/KM MAX	0.554
11	**CURRENT CARRYING CAPACITY**		
	A) 100 % DUTY CYCLE	AMPS	225
	B) 85 % DUTY CYCLE	AMPS	245
	C) 60 % DUTY CYCLE	AMPS	290
	D) 30 % DUTY CYCLE	AMPS	365
	E) 20 % DUTY CYCLE	AMPS	390
12	**GENERAL**		
	A) STANDARD LENGTH OF CABLE (SUBJECT TO A MANUFACTURE OF +/- 5%)	METER	50 MTR COIL

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1C X 50.0 Sq. mm. HOFR Insulated , Polyester tape Seperator, Unsheathed Welding cable with Multistrand Flexible Bare Copper conductor (Class-6) for working voltage up to 100V.

SR. NO	Description	Unit	1C X 50.0 SQ.MM. CU. WELDING CABLE (HOFR) - 1013198
1	**MAKE**		KASWELD
2	STANDARD APPLICABLE		-----
3	RATED VOLTAGE	VOLT	100 V
4	SUITABLE FOR EARTHED OR UNEARTHED SYSTEM		-----
	CONSTRUCTIONAL DETAILS		
5	CONDUCTOR		MULTISTRAND FLEXIBLE BARE COPPER (CLASS-6) (EC GRADE)
6	NUMBERS OF WIRES & DIAMETER	NOS./MM	490 X 0.285
7	SHAPE OF CONDUCTOR		**CIRCULAR**
8	**SEPERATOR**		**POLYESTER TAPE**
9	**INSULATION**		
	A) COMPOSITION OF INSULATION		HOFR
	B) NOMINAL THICKNESS OF INSULATION	MM	2.20
	C) COLOUR SCHEME FOR INDENTIFICATION		BLACK
	D) APPROX OVERALL DIA. OF CABLE (+/- 0.50 MM)	MM	12.10
10	**ELECTRICAL CHARACTERISTICS**		
	MAX. D.C. RESISTANCE AT 20 DEG. C	OHM/KM MAX	0.386
11	**CURRENT CARRYING CAPACITY**		
	A) 100 % DUTY CYCLE	AMPS	222
	B) 85 % DUTY CYCLE	AMPS	241
	C) 60 % DUTY CYCLE	AMPS	287
	D) 30 % DUTY CYCLE	AMPS	405
12	**GENERAL**		
	(A) STANDARD LENGTH OF CABLE (SUBJECT TO A MANUFACTURE OF +/- 5%)	METER	50 METER COILS
	B) MINIMUM BENDING RADIUS	MM	(6 X OVERALL DIAMETER)

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1C X 70.0 Sq. mm. HOFR Insulated , Polyester tape Seperator, Unsheathed Welding cable with Multistrand Flexible Bare Copper conductor (Class-6) for working voltage up to 100V.

SR. NO	Description	Unit	1C X 70.0 SQ.MM. CU. WELDING CABLE (HOFR) - 1013199
1	**MAKE**		KASWELD
2	STANDARD APPLICABLE		-----
3	RATED VOLTAGE	VOLT	100 V
4	SUITABLE FOR EARTHED OR UNEARTHED SYSTEM		-----
	CONSTRUCTIONAL DETAILS		
5	CONDUCTOR		MULTISTRAND FLEXIBLE BARE COPPER (EC GRADE)
6	NUMBERS OF WIRES & DIAMETER	NOS./MM	690 X 0.285
7	SHAPE OF CONDUCTOR		**CIRCULAR**
8	**SEPERATOR**		**POLYESTER TAPE**
9	**INSULATION**		
	A) COMPOSITION OF INSULATION		HOFR
	B) NOMINAL THICKNESS OF INSULATION	MM	2.40
	C) COLOUR SCHEME FOR INDENTIFICATION		BLACK
	D) APPROX OVERALL DIA. OF CABLE (+/- 0.50 MM)	MM	13.9
10	**ELECTRICAL CHARACTERISTICS**		
	MAX. D.C. RESISTANCE AT 20 DEG. C	OHM/KM MAX	0.272
11	**CURRENT CARRYING CAPACITY**		
	A) 100 % DUTY CYCLE	AMPS	355
	B) 85 % DUTY CYCLE	AMPS	385
	C) 60 % DUTY CYCLE	AMPS	460
	D) 30 % DUTY CYCLE	AMPS	570
	E) 20 % DUTY CYCLE	AMPS	650
12	**GENERAL**		
	(A) STANDARD LENGTH OF CABLE (SUBJECT TO A MANUFACTURE OF +/- 5%)	METER	50 METER COILS
	B) MINIMUM BENDING RADIUS	MM	(6 X OVERALL DIAMETER)

Safety Precautions:

Inspect Before Use: Always check the cable for cuts, burns, or exposed wires. Damaged cables should not be used.
Avoid Overloading: Make sure the cable matches your machine's amp output. Using a cable that's too small can cause overheating.
Keep Away from Wet Areas: Avoid using the cable in damp or wet conditions, which increases the risk of electric shock.
Don't Overbend or Crush: Handle the cable gently. Excess bending or placing heavy objects on it can damage the inner wires.
Store Properly: When not in use, coil the cable loosely and store it in a dry, cool place away from direct sunlight or sharp tools.

Disclaimer:
The Kasweld Heavy-Duty Black Welding Cable is designed for professional welding use. It must be handled with care and used according to safety instructions. Always match the correct cable size and amp rating to your welding machine. Using this product beyond its capacity, in unsafe environments, or without proper protection may result in injury or damage. Kasweld is not responsible for misuse or failure to follow safety guidelines.

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