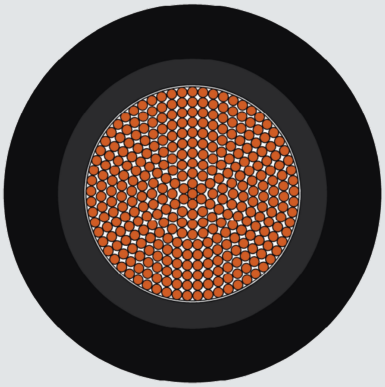


STATIC APPLICATION

H07RN-F PLUS

APPLICATIVE FEATURES

MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM^2)	CROSS SECTION MAX (MM^2)	DYNAMIC INSTALLATION	STATIC INSTALLATION
1,5	300	6xø (occ. flexing)	4.0xø

DESCRIPTION

Flexible, heavy-duty, single-core or multi-core Rubber cable, designed for connecting equipment subject to intense stress and for connecting industrial and agricultural machinery where the cables are subjected to moderate mechanical stress (e.g. machine tools, hotplates, lamps, power tools). Suitable for use in dry, damp or wet environments and outdoors. Continuous operational movement, forced guidance or use on cable reels or rollers is not permitted, nor is exposure to tensile loads where the Conductor cross-sectional area exceeds 15 N/mm². Configurations comprising single-core cables with Rubber sheathing may be used for short-circuit-proof and short-circuit-to-earth-proof installations in accordance with VDE 0100-520. Extended range of applications thanks to additional properties such as increased cold flexibility: minimum temperature of -40 °C for flexible use; extended temperature range: maximum Conductor temperature +90 °C. Standardised ozone resistance, extended temperature range and UV resistance (thanks to the Black outer sheath), resulting in a longer overall service life outdoors. Prolonged immersion in water (AD8) Up to 500 m without interruption (chlorine and seawater permitted, excluding drinking water; water temperature from +5 °C to +40 °C).

APPROVALS

2014/35/CEE

CPR Eca

2011/65/UE

1907/2006

TECHNICAL DATA

STATIC
-50°C / +90°C
OCCASIONAL FLEXING
-40°C / +90°C

NOMINAL VOLTAGE
U_0/U 450/750V (IEC)
MAX. OPERATING VOLTAGE
UM: 1000V FOR FIXED AND PROTECTED INSTALLATION

TEST VOLTAGE
2500V

CURRENT RATING
INSTALLATION IN FREE AIR

CONSTRUCTION FEATURES

POWER CONDUCTORS	CONDUCTOR	**CL5 FLEXIBLE (IEC 60228) BARE COPPER**
	INSULATION	**RUBBER (EI4)**
	INSULATION COLOUR	**BLACK CORES WITH PRINTED NUMBERS WITH [G] OR WITHOUT [X] GREEN-YELLOW**
OVERALL STRANDING	SHEATH	**RUBBER (EM2)**
	SHEATH COLOUR	**MATTE BLACK, RAL: 9005**

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PRODUCTS FEATURES

FIRE PERFORMANCE
IEC 60332-1-2
EN 60332-1-2

UV PERFORMANCE
ISO 4892-2

OIL PERFORMANCE
EN 50363-2-1

TECO CODE	N° CORES X CROSS-SECTION	EXT Ø (MM)	WEIGHT (KG/KM)	AMPACITY @30°C (A).
61508	**1X185**	28.9	2125	510

TE.CO. reserves the right to make changes to any of the products without, however, affecting the essential technical features. Unless specified otherwise, all the product ratings stated are nominal ratings. The RAL colour code is provided for illustrative purposes only.
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