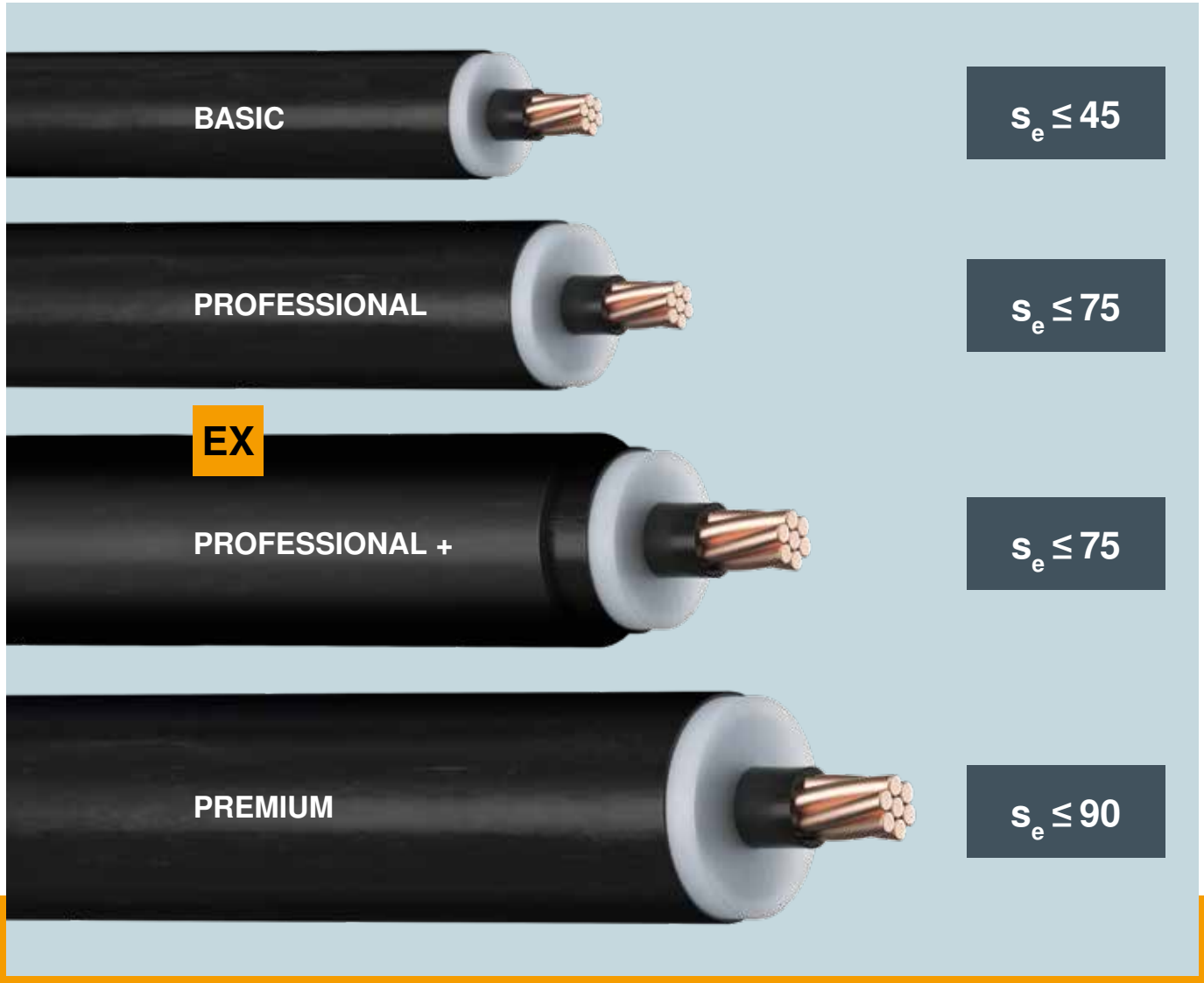
isCon®

High-voltage-resistant, insulated conductor to maintain the necessary separation spacings according to VDE 0185-305-3 (IEC/EN 62305-3)



The high-voltage-resistant, insulated isCon® conductor is the modern solution for the planners and erection engineers of lightning protection systems, in order to comply safely with the necessary separation spacings according to VDE 0185-305-3 (IEC/EN 62305-3).

As an innovative, international provider of complete lightning and surge protection systems, OBO has adapted its product range in the field of “Insulated lightning protection” to the different requirements of its customers.

The result: The right isCon® conductor for all requirements of the appropriate lightning protection project, with external certification according to the current testing standard (IEC TS 62561-8).

isCon®
MADE BY OBO

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Technical data

 BASIC	$s_e \leq 45$ cm	150 kA	Ø 20 mm		Flat roof/ 2 storeys
 PROFESSIONAL	$s_e \leq 75$ cm	150 kA	Ø 20 mm		Industrial building
 EX PROFESSIONAL+	$s_e \leq 75$ cm	150 kA	Ø 23 mm		Chemicals industry
 PREMIUM	$s_e \leq 90$ cm	200 kA	Ø 23 mm		Tower blocks

Product safety and quality

With the standardised cable cross-section, isCon® conductors fulfil the requirements of VDE 0185-561-2 (IEC/ EN 62561-2). Numerous lightning current tests according to VDE 0185-561-1 (IEC/EN 62561-1) and according to IEC TS 62561-8 with up to 200 kA (10/350) guarantee the conductors' use in all lightning protection classes.

The floating discharge-free isCon® Professional+ cable has been externally certified for routing in EX areas. The isCon® Professional+ with the additional grey outer jacket also guarantees protection against dangerous contact voltages according to VDE 0185-305-3 (IEC/ EN 62305-3).

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