

HIGH VOLTAGE CREEPAGE EXTENDER WRAPAROUND, CUSTOM DESIGN

KEY FEATURES

- Increases flashover withstand
- Reduces electrical stress
- Custom design

TE Connectivity's (TE) creepage extenders have been used to prevent pollution flashover on insulators for over 20 years. The extenders are sealed to porcelain or glass insulators, driving the high leakage currents found in polluted areas around the edge of the extender's skirt.

Each extender adds 6" (150 mm) of creepage to the insulator's existing creepage distance, reducing the electric stress. It also improves insulator or bushing performance by changing the overall shape to a staggered shed profile.

TE has now added a range of cold applied wraparound creepage extenders to its list of Raychem heat-shrink creepage extenders (HVCE's). This will considerably reduce installation time in situations where heavy metal work or complicated connection geometry makes disconnection on the insulator or bushing difficult.

Cold-applied wraparound creepage extenders work the same way as conventional extenders but leave a gap where the extender has stretched open, allowing it to wrap around the porcelain or glass skirt onto which it is installed.

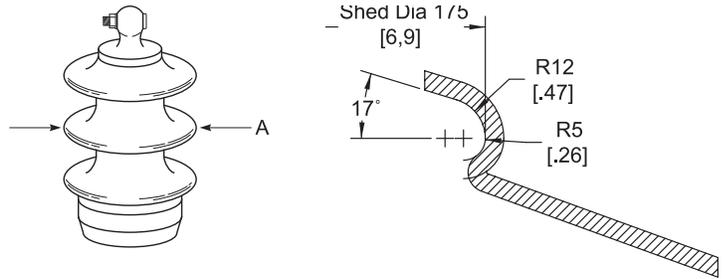
Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

High Voltage Creepage Extender



Each extender is tailored to suit the insulator profile used. There is a wide range of extenders already available, which fit the more commonly used profiles.

PRODUCT SELECTION INFORMATION: IN INCHES (mm)		
Catalog Number	Diameter of Insulator A	Standard Pack
HVCE-WA-175-02-FT (B6)	6.90 (175)	6
HVCE-WA-206-01 (B6)	8.11 (206)	6
HVCE-WA-216-01 (B6)	8.50 (216)	6
HVCE-WA-221-01 (B6)	8.70 (221)	6
HVCE-WA-226-01 (B6)	8.90 (226)	6
HVCE-WA-227-01 (B6)	8.94 (227)	6
HVCE-WA-234-01 (B6)	9.21 (234)	6
HVCE-WA-244-01-FT (B6)	9.61 (244)	6
HVCE-WA-248-01 (B6)	9.76 (248)	6
HVCE-WA-251-01 (B6)	9.88 (251)	6
HVCE-WA-255-01 (B6)	10.04 (255)	6
HVCE-WA-267-01 (B6)	10.51 (267)	6
HVCE-WA-271-01 (B6)	10.67 (271)	6
HVCE-WA-280-01 (B6)	11.02 (280)	6
HVCE-WA-281-01 (B6)	11.06 (281)	6
HVCE-WA-287-01 (B6)	11.30 (287)	6
HVCE-WA-292-01 (B6)	11.50 (292)	6
HVCE-WA-303-01 (B6)	11.93 (303)	6
HVCE-WA-323-01 (B6)	12.72 (323)	6
HVCE-WA-326-01 (B6)	12.83 (326)	6
HVCE-WA-330-01 (B6)	13.00 (330)	3
HVCE-WA-336-01 (B6)	13.23 (336)	6
HVCE-WA-341-01 (B6)	13.39 (341)	6
HVCE-WA-348-01 (B6)	13.70 (348)	6
HVCE-WA-349-01 (B6)	13.74 (349)	6
HVCE-WA-356-01 (B6)	14.02 (356)	6
HVCE-WA-359-01 (B6)	14.13 (359)	3
HVCE-WA-364-01 (B6)	14.33 (364)	6
HVCE-WA-367-01 (B6)	14.45 (367)	6
HVCE-WA-372-01 (B6)	14.65 (372)	6
HVCE-WA-373-01 (B6)	14.68 (373)	6
HVCE-WA-377-01 (B6)	14.84 (377)	6
HVCE-WA-381-01 (B6)	15.00 (381)	6
HVCE-WA-392-01 (B6)	14.53 (392)	6
HVCE-WA-393-01 (B6)	15.47 (393)	6
HVCE-WA-406-01 (B6)	15.98 (406)	6
HVCE-WA-407-01 (B6)	15.98 (407)	6
HVCE-WA-413-01 (B6)	16.26 (413)	6
HVCE-WA-421-01 (B6)	16.54 (421)	6
HVCE-WA-426-01 (B6)	16.77 (426)	6
HVCE-WA-429-01 (B6)	16.89 (429)	6
HVCE-WA-440-01 (B6)	17.32 (440)	6
HVCE-WA-442-01 (B6)	17.40 (442)	6
HVCE-WA-452-01 (B6)	17.60 (452)	6
HVCE-WA-457-01 (B6)	18.00 (457)	6
HVCE-WA-463-01 (B6)	18.23 (463)	6
HVCE-WA-482-01 (B6)	16.98 (482)	3
HVCE-WA-488-01 (B6)	19.21 (488)	6
HVCE-WA-490-01 (B6)	19.29 (490)	6
HVCE-WA-501-01 (B6)	19.72 (501)	6
HVCE-WA-528-01 (B6)	20.79 (528)	3
HVCE-WA-551-01 (B6)	21.69 (551)	3
HVCE-WA-584-01 (B6)	22.99 (584)	3
HVCE-WA-611-01 (B6)	24.05 (611)	6
HVCE-WA-611-01 (B6)	24.05 (611)	6



Detailed explanation of this phenomena, field history, test data, and technical specifications are available from your TE representative.

Application Range

Each extender is tailored to suit the insulator or bushing profile used. There is a wide range of extenders already available, many of which fit the more commonly used profiles. When an extender is required for a previously unused profile, it is straight forward to create. There is no upper voltage limit to the use of creepage extenders.

ORDERING INFORMATION

- Each extender adds 6" to the creepage length. As a recommendation, TE advises a 20% increase in existing creepage distance.
- For applications that do not fall within the ranges above, contact your TE representative.
- HVCE does not upgrade the voltage class of the insulator.
- Related test reports: UVR-8152, EDR-5350 Related Installation Instructions: HVCE-WA
- Installation Tool: HVCE-WA-TOOL

FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Benelux:	+ 32 16 351 731
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
China:	+ 86 (0) 400-820-6015

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