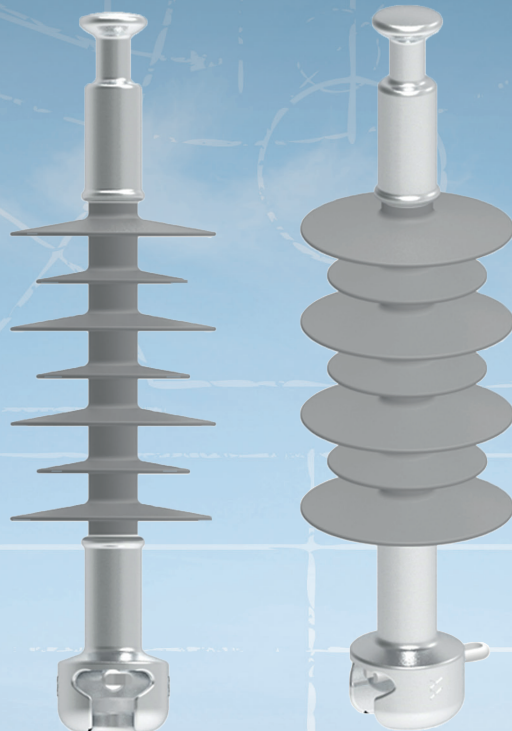




SUSPENSION INSULATOR

EXTRA HIGH CREEPAGE COMPOSITE SUSPENSION INSULATOR

KEY FEATURES

- 70kN tension rating (SML)
- Wide selection of metal end fittings selection
- Reliable tensile performance
- Light-weight for easier installation
- Shed design to minimize insulator length per kV rating
- Shock and vibration resistant
- Good tracking and erosion resistance performance
- Quality design and manufactured in accordance with ISO9001

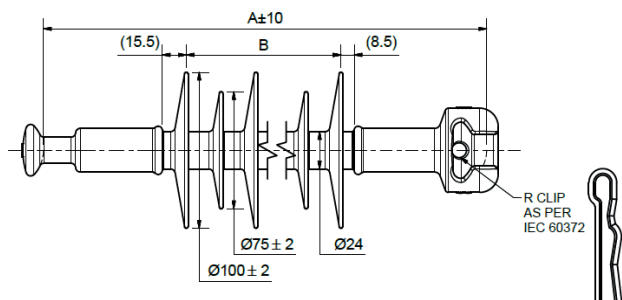
TE Connectivity (TE) offers a complete range of silicone suspension / tension insulators for overhead line applications up to 485 kV BIL.

Our complete portfolio of insulators is designed to fit a wide selection of metal end fittings. The portfolio includes numerous lengths and creepage configurations to fit the requirements of your application. TE's compact insulator profile has the same shed diameter to maximize flashover performance in polluted environments over a minimum insulator length.

Our suspension / tension insulators are made of silicone, a hydrophobic material with proven tracking and erosion resistance and high technical performance in a wide range of climatic and pollution conditions.

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

Suspension Insulator



Top Fitting - Ball Fitting per IEC 120-16 (Forged)
Bottom Fitting - Socket Fitting per IEC 120-16A (Cast)
R Clip - SS 304 per IEC 60372
SML - 70 kN
Routine Test - 35 kN

Part description key

CS - **XX** - **XX** - **XXX** - **XXXX** - **X** - **XX**
 Composite SML Top/Bottom BIL (kV) Creepage distance (mm) Mfg. Style Special Code

PRODUCT SPECIFICATION

TCPN	DESCRIPTION	SHEDS	NOMINAL CREEPAGE (mm)	NOMINAL DRY ARC (mm)	DRY AC WITHSTAND (kV)	WET AC WITHSTAND (kV)	DRY AC FLASH-OVER (kV)	WET AC FLASH-OVER (kV)	LIGHTNING IM-PULSE WITHSTAND (kV)	LIGHTNING IM-PULSE FLASH-OVER (kV)	A (mm)	B (mm)	AP-PROX. WEIGHT (KG)	STD PACK QTY
EP1066-000	CS-70-BS-120-0415-M-01	5	415	165	80	65	85	80	120	130	276	90	1.14	36
EP1067-000	CS-70-BS-145-0580-M-01	7	580	210	95	80	100	95	145	155	321	135	1.22	36
EP1068-000	CS-70-BS-170-0740-M-01	9	740	255	110	95	115	105	170	180	366	180	1.30	18
EP1069-000	CS-70-BS-195-0900-M-01	11	900	300	125	110	130	120	195	200	411	225	1.38	18
EP1070-000	CS-70-BS-215-1065-M-01	13	1065	345	140	125	145	135	215	225	456	270	1.46	18
EP1071-000	CS-70-BS-240-1225-M-01	15	1225	390	155	140	160	150	240	250	501	315	1.54	18
EP1072-000	CS-70-BS-265-1390-M-01	17	1390	435	170	155	175	165	265	275	546	360	1.62	18
EP1073-000	CS-70-BS-290-1550-M-01	19	1550	480	185	170	190	175	290	300	591	405	1.70	18
EP1074-000	CS-70-BS-310-1710-M-01	21	1710	525	200	185	205	190	310	325	636	450	1.78	18
EP1075-000	CS-70-BS-335-1875-M-01	23	1875	570	215	195	220	205	335	350	681	495	1.86	18
EP1076-000	CS-70-BS-360-2035-M-01	25	2035	615	230	210	235	220	360	375	726	540	1.94	18
EP1077-000	CS-70-BS-380-2200-M-01	27	2200	660	245	225	250	235	380	400	771	585	2.02	64
EP1078-000	CS-70-BS-405-2360-M-01	29	2360	705	260	240	265	250	405	425	816	630	2.10	64
EP1079-000	CS-70-BS-430-2520-M-01	31	2520	750	275	255	280	260	430	450	861	675	2.18	64
EP1080-000	CS-70-BS-455-2685-M-01	33	2685	795	290	270	295	275	455	475	906	720	2.26	64
EP1081-000	CS-70-BS-475-2845-M-01	35	2845	840	305	285	310	290	475	500	951	765	2.34	64
EP1082-000	CS-70-BS-500-3010-M-01	37	3010	885	320	300	325	305	500	525	996	810	2.42	64

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