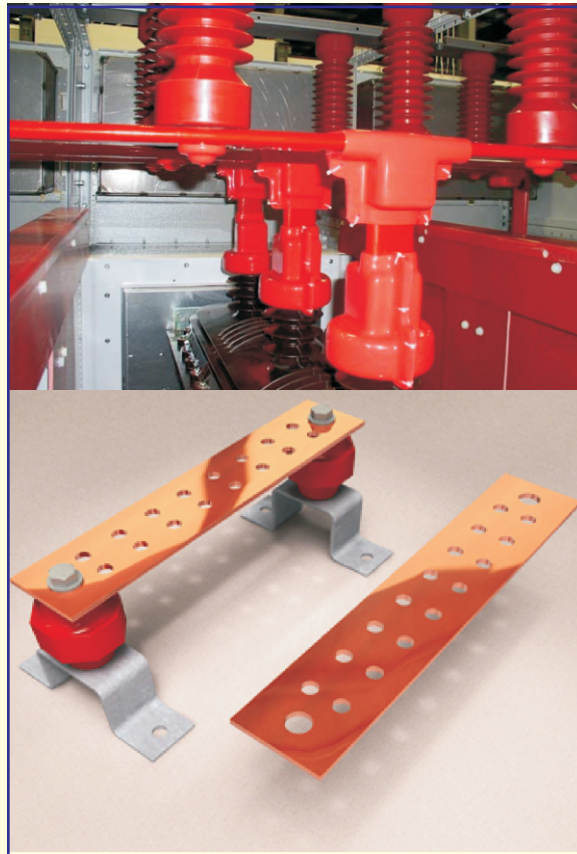




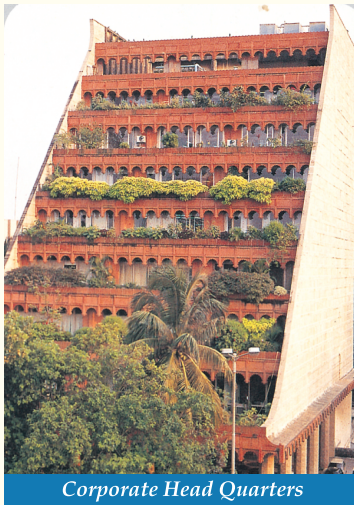
R-Loc[®]

Standoff and HT Insulators

Raychem RPG (P) Ltd.

(A TE Connectivity - RPG Enterprises JV)





Corporate Head Quarters



Chakan Plant



Vasai Plant

Raychem RPG (P) Ltd. is a 50:50 Joint Venture company between TE Connectivity, USA, (a Fortune 500 Company) and RPG Enterprises, India (one of the top 10 business houses in India).

TE Connectivity (formerly Tyco Electronics), U.S.A. is a US\$ 15 billion conglomerate & World's largest manufacturer for passive Electronic components business and Engineering Products & Services.

RPG Enterprises, India is one of the Top 10 business houses in India with interests in Power Generation, Distribution & Transmission, Cable, IT & Communication, Life Sciences, Automotive, Retail & Entertainment Sectors and a revenue exceeding US\$ 4 billion.

Raychem RPG Limited is an ISO 9001, ISO 14001 & OHSAS 18001 company, certified by Lloyd's Register of Quality Assurance Limited, UK.

PLANT APPROVALS



MATERIAL APPROVAL



INTRODUCTION OF RAYCHEM RPG'S STANDOFF & HT INSULATORS

Raychem RPG's Standoff and HT Insulator are supplied from ISO 9001, ISO 14001 & OHSAS 18001 certified plants. The Products are CE approved and manufactured from UL approved material.

Standoff Insulators are primarily used to insulate and support bus bar or grounding bars used in high-voltage power transmission, including panel boards and switchboards.

The most common materials for standoff insulators used with power transmission are ceramic or porcelain, and composite polymer materials.

Raychem RPG supplied insulators isolate electrical conductors, such as a ground bar, from their mechanical mounting - preventing short circuits.

Our supplied Standoff insulators come with high voltage ratings, which is determined by the material used and the thickness of the body and to some extent the shape, since the design of insulators often includes deep grooves, or sheds.

UL Recognition - Raychem RPG supplied insulators are molded from UL-recognized molding materials (UL 94 V-0 Halogen free)

PHYSICAL PROPERTIES

Tensile strength

It is the amount of stress that the insulator will withstand when pressure is applied pulling straight up on the bolt in the insert.

Cantilever strength

It is the amount of weight an insulator will support when something is hung on an insulator that is mounted on the wall.

Compression strength

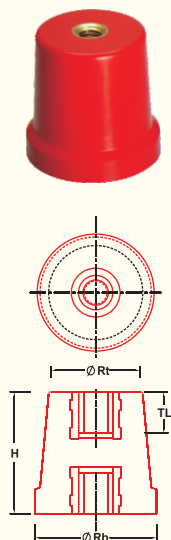
It is the amount of weight an insulator will support in a direct vertical application of pressure.

Creep

It is the distance from potential to ground measured along a ceramic insulator's surface path. This rating is dependent on environment as well as the surface condition and overall length.

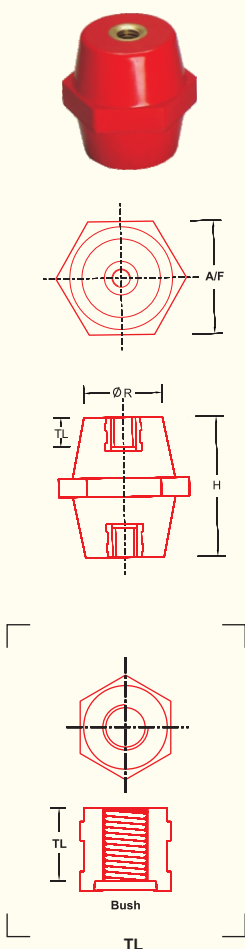
Standoff Insulators

Conical



Height (H) mm	Part No. (Insert)	Rt Ø mm	Dimension Rb Ø mm	TL mm	Nominal Voltage (AC / DC)
25	RC 625 (M6)	19	25	7	400 / 500
30	RC 630 (M6)	25	30	7	600 / 750
30	RC 830 (M8)	25	30	9	600 / 750
35	RC 835 (M8)	28	35	12	600 / 750
40	RC 640 (M6)	33	40	12	600 / 750
40	RC 840 (M8)	33	40	12	1000 / 1200
40	RC 1040 (M10)	33	40	12	1000 / 1200
50	RC 1050 (M10)	40	50	17	1200 / 1500
50	RC 1250 (M12)	40	50	17	1200 / 1500
60	RC 1060 (M10)	40	50	17	1500 / 1800
60	RC 1260 (M12)	40	50	17	1500 / 1800
70	RC 1070 (M10)	41	50	22	2000 / 2400
70	RC 1270 (M12)	41	50	22	2000 / 2400

Hexagonal



Height (H) mm	Part No. (Insert)	Rt Ø mm	Dimension Rb Ø mm	TL mm	Nominal Voltage (AC / DC)
16	RH 416 (M4)	16	11	3	300 / 400
20	RH 420 (M4)	18	14	5	300 / 400
20	RH 620 (M6)	18	14	5	300 / 400
25	RH 625 (M6)	21	16	7	400 / 500
25	RMH 625 (M6)	19	17	7	400 / 500
30	RH 630 (M6)	33	25	7	600 / 750
30	RH 830 (M8)	33	26	9	600 / 750
35	RH 635 (M6)	33	26	9	600 / 750
35	RH 835 (M8)	33	26	9	600 / 750
35	RH 1035 (M10)	33	26	9	600 / 750
35	RMH 1035 (M10)	41	33	9	600 / 750
40	RH 840 (M8)	38	30	12	1000 / 1200
40	RH 1040 (M10)	38	30	12	1000 / 1200
45	RH 845 (M8)	40	32	12	1000 / 1200
45	RH 1045 (M10)	40	32	12	1000 / 1200
50	RH 1050 (M10)	46	35.5	17	1200 / 1500
50	RH 1250 (M12)	46	35.5	17	1200 / 1500
60	RH 1060 (M10)	50	38	17	1500 / 1800
60	RH 1260 (M12)	50	38	17	1500 / 1800
65	RH 1065 (M10)	55	41	17	1500 / 1800
65	RH 1265 (M12)	55	41	22	1500 / 1800
70	RH 1070 (M10)	55	41	22	2000 / 2400
70	RH 1270 (M12)	55	41	21	2000 / 2400
75	RH 1075 (M10)	52.6	42	22	2000 / 2400
75	RH 1275 (M12)	52.6	42	27	2000 / 2400
76	RH 1076E (M10)	48	33	22	2000 / 2400

• Material : DMC (Dough Moulding Compound)  UL 94 V-0 (Halogen Free)

• All Dimensions are in MM

• TL : Effective Thread Length

• All Insulators are  certified

• Insert : Brass / Steel (Zinc Passivated)

• For maximum torque please see page no. 8

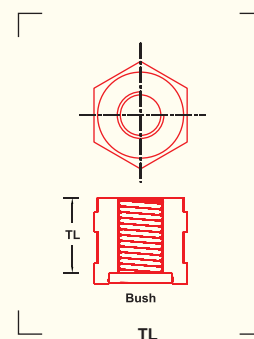
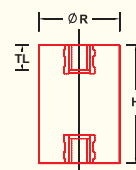
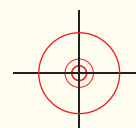
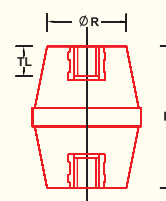
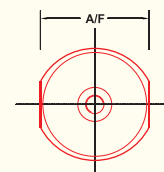
Standoff Insulators

Drum

Height (H) mm	Part No. (Insert)	A/F mm	Dimension R Ø mm	TL mm	Nominal Voltage (AC / DC)
20	RD 420 (M4)	18	14	5	300 / 400
20	RD 620 (M6)	18	14	5	300 / 400
25	RD 625 (M6)	21	16	7	400 / 500
30	RD 630 (M6)	31	25	7	600 / 750
30	RD 830 (M8)	33	26	9	600 / 750
35	RD 635 (M6)	32	26	9	600 / 750
35	RD 835 (M8)	32	28	9	600 / 750
35	RD 1035 (M10)	32	26	9	600 / 750
40	RD 840 (M8)	39	31	12	1000 / 1200
40	RD 1040 (M10)	39	31	12	1000 / 1200
45	RD 845 (M8)	41	32	12	1000 / 1200
45	RD 1045 (M10)	41	32	12	1000 / 1200
50	RD 1050 (M10)	48	36	17	1200 / 1500
50	RD 1250 (M12)	48	36	17	1200 / 1500
51	RD 851E (M8)	35	27	17	1000 / 1200
51	RD 1051E (M10)	35	27	17	1000 / 1200
60	RD 1060 (M10)	52	38	17	1500 / 1800
60	RD 1260 (M12)	52	38	17	1500 / 1800
65	RD 1065 (M10)	55	41	22	1500 / 1800
65	RD 1265 (M12)	55	41	22	1500 / 1800
70	RD 1070 (M10)	55	41	22	2000 / 2400
70	RD 1270 (M12)	55	41	27	2000 / 2400
75	RD 1075 (M10)	55	42	22	2000 / 2400
75	RD 1275 (M12)	55	42	27	2000 / 2400
76	RD 1076E (M10)	50	34	22	2000 / 2400

Cylindrical

25	RCY 2225 (M6)	—	22	7	400 / 500
25	RCY 2225 (M8)	—	22	7	400 / 500
30	RCY 2630 (M8)	—	26	9	600 / 750
30	RCY 2630 (M6)	—	26	9	600 / 750
30	RCY 3030 (M6)	—	30	9	600 / 750
30	RCY 3030 (M8)	—	30	9	600 / 750
30	RCY 3030 (M10)	—	30	9	600 / 750
40	RCY 3040 (M6)	—	30	12	1000 / 1200
40	RCY 3040 (M8)	—	30	12	1000 / 1200
40	RCY 3040 (M10)	—	30	12	1000 / 1200
40	RCY 4040 (M8)	—	40	12	1000 / 1200
40	RCY 4040 (M10)	—	40	12	1000 / 1200
50	RCY 3050 (M6)	—	30	12	1200 / 1500
50	RCY 3050 (M8)	—	30	17	1200 / 1500
50	RCY 3050 (M10)	—	30	17	1200 / 1500
50	RCY 4050 (M8)	—	40	17	1200 / 1500
50	RCY 4050 (M10)	—	40	17	1200 / 1500
50	RCY 5050 (M10)	—	50	17	1200 / 1500
50	RCY 5050 (M12)	—	50	17	1200 / 1500
60	RCY 2660 (M6)	—	26	17	1500 / 1800
60	RCY 2660 (M8)	—	26	17	1500 / 1800
60	RCY 2660 (M10)	—	26	17	1500 / 1800
60	RCY 3060 (M6)	—	30	17	1500 / 1800
60	RCY 3060 (M8)	—	30	17	1500 / 1800
60	RCY 3060 (M10)	—	30	17	1500 / 1800



• Material : DMC (Dough Moulding Compound)  UL 94 V-0 (Halogen Free)

• All Dimensions are in MM

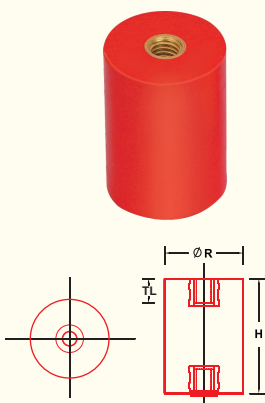
• TL : Effective Thread Length

• All Insulators are  certified

• Insert : Brass / Steel (Zinc Passivated)

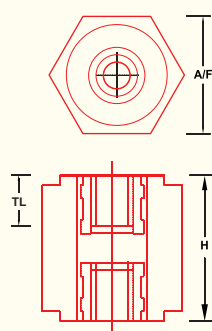
* For maximum torque please see page no. 8

Standoff Insulators



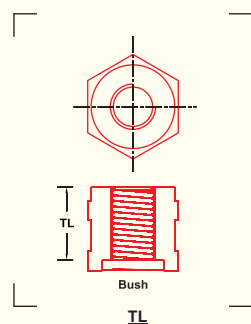
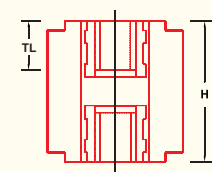
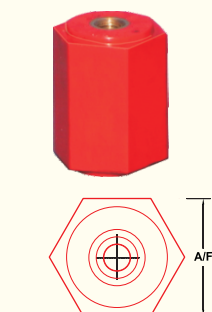
Cylindrical

Height (H) mm	Part No. (Insert)	A/F mm	Dimension R Ø mm	TL mm	Nominal Voltage (AC / DC)
60	RCY 5060 (M10)	—	50	17	1500 / 1800
60	RCY 5060 (M12)	—	50	17	1500 / 1800
60	RCY 6060 (M10)	—	60	17	1500 / 1800
60	RCY 6060 (M12)	—	60	17	1500 / 1800
63	RCY 2663 (M6)	—	26	17	1500 / 1800
63	RCY 2663 (M8)	—	26	17	1500 / 1800
63	RCY 2663 (M10)	—	26	17	1500 / 1800



Full Hex

Height (H) mm	Part No. (Insert)	TL (mm)	Nominal Voltage (AC / DC)	Height (H) mm	Part No. (Insert)	TL (mm)	Nominal Voltage (AC / DC)
Hex Face to Face (A/F 14mm)							
15	R14HH 415 (M4)	3	100 / 200	15	R14HH 515 (M5)	3	100 / 200
20	R14HH 420 (M4)	5	300 / 400	20	R14HH 520 (M5)	5	300 / 400
25	R14HH 425 (M4)	7	400 / 500	25	R14HH 525 (M5)	7	400 / 500
Hex Face to Face (A/F 20mm)							
20	R20HH 520 (M5)	5	300 / 400	20	R20HH 620 (M6)	5	300 / 400
25	R20HH 525 (M5)	7	400 / 500	25	R20HH 625 (M6)	7	400 / 500
30	R20HH 530 (M5)	7	600 / 750	30	R20HH 630 (M6)	7	600 / 750
35	R20HH 535 (M5)	9	600 / 750	35	R20HH 635 (M6)	9	600 / 750
40	R20HH 540 (M5)	12	1000 / 1200	40	R20HH 640 (M6)	12	1000 / 1200
45	R20HH 545 (M5)	12	1000 / 1200	45	R20HH 645 (M6)	12	1000 / 1200
50	R20HH 550 (M5)	12	1200 / 1500	50	R20HH 650 (M6)	12	1200 / 1500
55	R20HH 555 (M5)	12	1200 / 1500	55	R20HH 655 (M6)	12	1200 / 1500
60	R20HH 560 (M5)	12	1500 / 1800	60	R20HH 660 (M6)	12	1500 / 1800
Hex Face to Face (A/F 25mm)							
25	R25HH 625 (M6)	7	400 / 500	25	R25HH 825 (M8)	7	400 / 500
30	R25HH 630 (M6)	7	600 / 750	30	R25HH 830 (M8)	7	600 / 750
35	R25HH 635 (M6)	9	600 / 750	35	R25HH 835 (M8)	9	600 / 750
40	R25HH 640 (M6)	12	1000 / 1200	40	R25HH 840 (M8)	12	1000 / 1200
45	R25HH 645 (M6)	12	1000 / 1200	45	R25HH 845 (M8)	12	1000 / 1200
50	R25HH 650 (M6)	12	1200 / 1500	50	R25HH 850 (M8)	17	1200 / 1500
55	R25HH 655 (M6)	12	1200 / 1500	55	R25HH 855 (M8)	17	1200 / 1500
60	R25HH 660 (M6)	12	1500 / 1800	60	R25HH 860 (M8)	17	1500 / 1800
Hex Face to Face (A/F 35mm)							
30	R35HH 830 (M8)	9	600 / 750	30	R35HH 1030 (M10)	9	600 / 750
35	R35HH 835 (M8)	9	600 / 750	35	R35HH 1035 (M10)	9	600 / 750
40	R35HH 840 (M8)	12	1000 / 1200	40	R35HH 1040 (M10)	12	1000 / 1200
45	R35HH 845 (M8)	12	1000 / 1200	45	R35HH 1045 (M10)	12	1000 / 1200
50	R35HH 850 (M8)	17	1200 / 1500	50	R35HH 1050 (M10)	17	1200 / 1500
55	R35HH 855 (M8)	17	1200 / 1500	55	R35HH 1055 (M10)	17	1200 / 1500
60	R35HH 860 (M8)	17	1500 / 1800	60	R35HH 1060 (M10)	17	1500 / 1800



• Material : DMC (Dough Moulding Compound)  UL 94 V-0 (Halogen Free)
 • All Dimensions are in MM
 • TL : Effective Thread Length
 • All Insulators are  certified

• Insert : Brass / Steel (Zinc Passivated)
 * For maximum torque please see page no. 8

Standoff Insulators

Full Hex

Height (H) mm	Part No. (Insert)	TL (mm)	Nominal Voltage (AC / DC)	Height (H) mm	Part No. (Insert)	TL (mm)	Nominal Voltage (AC / DC)
Hex Face to Face (A/F 45mm)							
35	R45HH 1035 (M10)	9	600 / 750	35	R45HH 1235 (M12)	9	600 / 750
40	R45HH 1040 (M10)	12	1000 / 1200	40	R45HH 1240 (M12)	12	1000 / 1200
45	R45HH 1045 (M10)	12	1000 / 1200	45	R45HH 1245 (M12)	12	1000 / 1200
50	R45HH 1050 (M10)	17	1200 / 1500	50	R45HH 1250 (M12)	17	1200 / 1500
55	R45HH 1055 (M10)	17	1200 / 1500	55	R45HH 1255 (M12)	17	1200 / 1500
60	R45HH 1060 (M10)	17	1500 / 1800	60	R45HH 1260 (M12)	17	1500 / 1800
70	R45HH 1070 (M10)	21	1500 / 1800	70	R45HH 1270 (M12)	21	1500 / 1800
80	R45HH 1080 (M10)	26	2000 / 2400	80	R45HH 1280 (M12)	26	2000 / 2400
90	R45HH 1090 (M10)	26	3400 / 4000	90	R45HH 1290 (M12)	26	3400 / 4000
100	R45HH 10100 (M10)	26	3400 / 4000	100	R45HH 12100 (M12)	26	3400 / 4000
Hex Face to Face (A/F 55mm)							
50	55HH 1050 (M10)	17	1200 / 1500	60	55HH 1060 (M10)	17	1500 / 1800

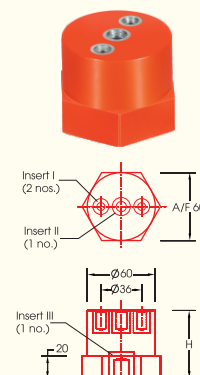
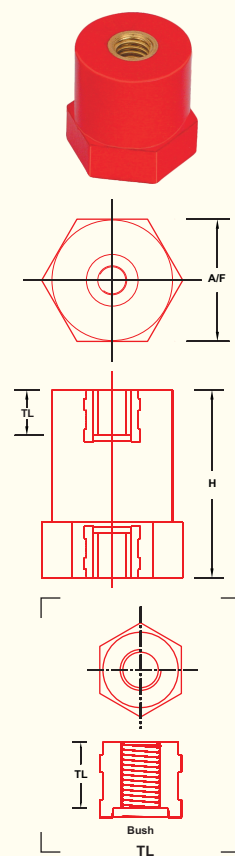
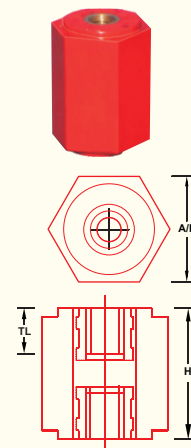
Round Hex

Round & Hex Face to Face (A/F 20mm)							
20	R20RH 520 (M5)	5	300 / 400	25	R20RH 525 (M5)	7	400 / 500
20	R20RH 620 (M6)	5	300 / 400	25	R20RH 625 (M6)	7	400 / 500
35	R20RH 635 (M6)	9	400 / 500	40	R20RH 640 (M6)	12	400 / 500
45	R20RH 645 (M6)	12	600 / 750	50	R20RH 650 (M6)	12	1000 / 1200
35	R20RH 835 (M8)	9	600 / 750	40	R20RH 840 (M8)	12	1000 / 1200
45	R20RH 845 (M8)	12	1000 / 1200	50	R20RH 850 (M8)	17	1200 / 1500
Round & Hex Face to Face (A/F 30mm)							
30	R30RH 830 (M8)	9	600 / 750	30	R30RH 1030 (M10)	9	600 / 750
35	R30RH 835 (M8)	9	600 / 750	35	R30RH 1035 (M10)	9	600 / 750
40	R30RH 840 (M8)	12	1000 / 1200	40	R30RH 1040 (M10)	12	1000 / 1200
Round & Hex Face to Face (A/F 40mm)							
30	R40RH 1030 (M10)	9	600 / 750	40	R40RH 1240 (M12)	12	1000 / 1200
35	R40RH 1035 (M10)	9	600 / 750	45	R40RH 1245 (M12)	12	1000 / 1200
40	R40RH 1040 (M10)	12	1000 / 1200	50	R40RH 1250 (M12)	17	1200 / 1500
45	R40RH 1045 (M10)	12	1000 / 1200	55	R40RH 1255 (M12)	17	1200 / 1500
50	R40RH 1050 (M10)	17	1200 / 1500	60	R40RH 1260 (M12)	17	1500 / 1800
55	R40RH 1055 (M10)	17	1200 / 1500	65	R40RH 1265 (M12)	21	1500 / 1800
60	R40RH 1060 (M10)	17	1500 / 1800	70	R40RH 1270 (M12)	26	1500 / 1800
65	R40RH 1065 (M10)	17	1500 / 1800				
70	R40RH 1070 (M10)	26	2000 / 2400				
Round & Hex Face to Face (A/F 60mm)							
40	R60RH 1240 (M12)	12	1000 / 1200	50	R60RH 1650 (M16)	17	1200 / 1500
50	R60RH 1250 (M12)	17	1200 / 1500	60	R60RH 1660 (M16)	17	1500 / 1800
60	R60RH 1260 (M12)	17	1500 / 1800	70	R60RH 1670 (M16)	17	1500 / 1800
70	R60RH 1270 (M12)	21	1500 / 1800	80	R60RH 1680 (M16)	26	2000 / 2400
80	R60RH 1280 (M12)	26	1500 / 1800				

Product Code	H (mm)	Dimension	Insert I (2 nos.)	Insert II (1 no.)	TL mm	Insert III (1 no.)
RPD60RH40	40	M8 x 15	M10 x 15		12	M12 x 15
RPD60RH50	50	M8 x 20	M10 x 20		17	M12 x 20
RPD60RH60	60	M8 x 20	M10 x 20		17	M12 x 25
RPD60RH70	70	M8 x 20	M10 x 20		21	M12 x 25
RPD60RH80	80	M8 x 20	M10 x 30		26	M12 x 30

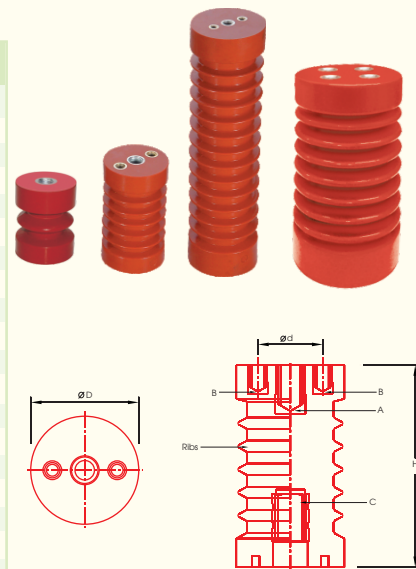
- Material : DMC (Dough Moulding Compound) **UL 94 V-0** (Halogen Free)
- All Dimensions are in MM
- TL : Effective Thread Length
- All Insulators are **CE** certified

- Insert : Brass / Steel (Zinc Passivated)
- For maximum torque please see page no. 8



HT Insulator

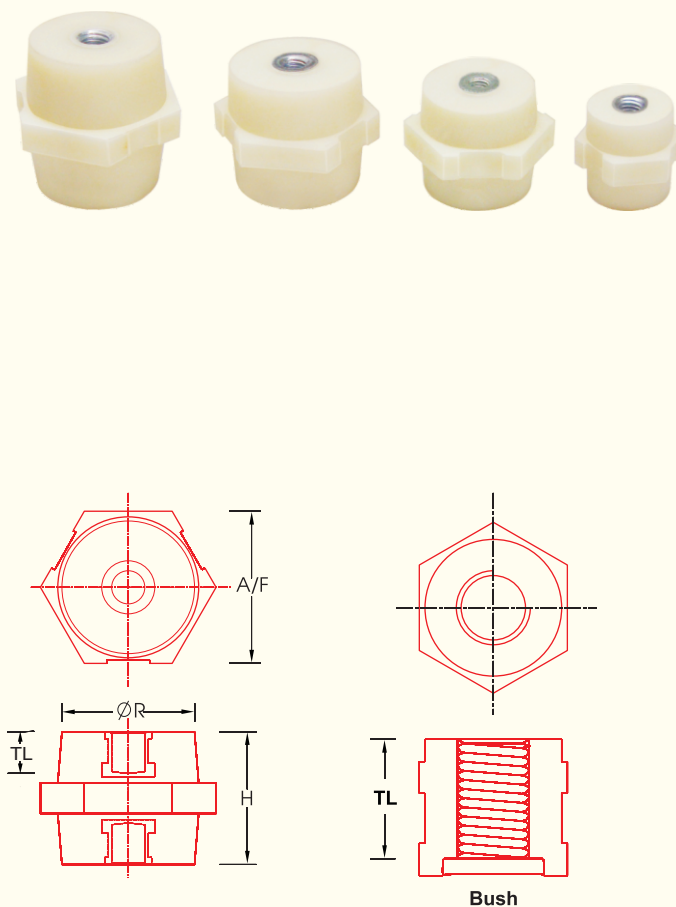
PRODUCT	VOLTAGE	RIBS	CREEPAGE	Ø D	H	Ø d	A	B	C
RMV 4050	3.5 Kv	1	55	60	40	36	M-10 X 20 Lg.	M-08 X 15 Lg.	M-10 X 20 Lg.
RMV 6040	3.5 Kv	1	55	60	40	36	M-10 X 15 Lg.	M-08 X 12 Lg.	M-10 X 15 Lg.
RMV 606560	5.5 Kv	2	90	60 / 65	60	36	M-12 X 20 Lg.	M-08 X 20 Lg.	M-12 X 20 Lg.
RMV 859060	5.5 Kv	2	90	85 / 90	60	60	M-16 X 20 Lg.	M-10 X 20 Lg.	M-16 X 20 Lg.
RMV 6075	6.8 Kv	2	112	60	75	36	M-10 X 20 Lg.	M-06 X 15 Lg.	M-12 X 25 Lg.
RPDMV 6075	6.8 Kv	2	112	60	75	36	M-10 X 20 Lg.	M-08 X 15 Lg.	M-12 X 25 Lg.
RMV 6090	8.5 Kv	3	140	60	90	36	M-10 X 20 Lg.	M-06 X 15 Lg.	M-12 X 25 Lg.
RPDMV 6090	8.5 Kv	3	140	60	91	36	M-10 X 20 Lg.	M-08 X 15 Lg.	M-12 X 25 Lg.
RMV 9011082	12 Kv	4	209	82 / 90	110	40	—	M-10 X 15 Lg.	M-12 X 20 Lg.
RMV 60130	12 Kv	5	200	60	130	36	M-12 X 25 Lg.	M-06 X 15 Lg.	M-16 X 35 Lg.
RPDMV 60130	12 Kv	5	200	60	130	36	M-12 X 25 Lg.	M-08 X 15 Lg.	M-16 X 35 Lg.
RMV 75130	12 Kv	5	200	75	130	45	M-16 X 35 Lg.	M-10 X 20 Lg.	M-20 X 35 Lg.
RMV 75130/2**	12 Kv	5	200	75	130	45	M-12 X 25 Lg.	M-08 X 20 Lg.	A - B**
RMV 75130/7	12 Kv	7	256	75	130	45	M-16 X 35 Lg.	M-10 X 20 Lg.	M-20 X 40 Lg.
RMV 8614580	16 Kv	7	260	80 / 86	145	40	—	M-10 X 15 Lg.	M-12 X 20 Lg.
RMV 70210	22 Kv	9	285	70	210	36	M-10 X 25 Lg.	M-06 X 15 Lg.	M-16 X 55 Lg.
RPDMV 70210	22 Kv	9	285	70	210	36	M-10 X 25 Lg.	M-08 X 15 Lg.	M-16 X 55 Lg.
RMV 70210/2	22 Kv	9	285	70	210	36	M-12 X 25 Lg.	M-08 X 20 Lg.	A - B**
RMV 80300	35 Kv	12	440	80	300	36	M-10 X 25 Lg.	M-06 X 15 Lg.	M-16 X 75 Lg.
RDMV 80300	35 Kv	12	440	80	300	36	M-10 X 25 Lg.	M-08 X 15 Lg.	M-16 X 75 Lg.
RMV 95300	35 Kv	12	450	95	300	46	M-16 X 55 Lg.	M-10 X 20 Lg.	M-22 X 75 Lg.



- Material : Cast Resin / DMC (Dough Moulding Compound)  UL 94 V-0 (Halogen Free)
- ++ same insert configuration on both sides
- All Dimensions are in MM
- Insert : Brass / Mild Steel (Zinc Passivated)
- All Insulators are  certified

Standoff Polyamide Insulators

Product Code	H	Dimension A/F	Ø R	TL mm	Insert
RPH 415 (M4)	15	15	12	3	M4
RPH 420 (M4)	20	18	15	5	M4
RPH 620 (M6)	20	18	15	7	M6
RPH 525 (M5)	25	20	15	7	M5
RPH 625 (M6)	25	20	15	7	M6
RPH 630 (M6)	30	30	25	9	M6
RPH 830 (M8)	30	30	25	9	M8
RPH 635 (M6)	35	40	33	9	M6
RPH 835 (M8)	35	40	33	9	M8
RPH 1035 (M10)	35	40	35	9	M10
RPH 640 (M6)	40	45	40	12	M6
RPH 840 (M8)	40	45	40	12	M8
RPH 1040 (M10)	40	45	40	12	M10
RPH 845 (M8)	45	50	40	12	M8
RPH 1045 (M10)	45	50	40	12	M10
RPH 650 (M6)	50	50	40	12	M6
RPH 850 (M8)	50	50	40	17	M8
RPH 1050 (M10)	50	50	40	17	M10
RPH 860 (M8)	60	53	45	17	M8
RPH 1060 (M10)	60	55	45	17	M10
RPH 1270 (M12)	70	65	50	21	M12
RPH 1670 (M16)	70	65	50	21	M16
RPH 1275 (M12)	75	65	50	21	M12
RPH 1675 (M16)	75	65	50	21	M16
RPH 1280 (M12)	80	65	50	26	M12
RPH 1680 (M16)	80	65	50	26	M16
RPH 12100 (M12)	100	65	50	26	M12
RPH 16100 (M16)	100	65	50	30	M16



- Material : Polyamide / Nylon 6/6 (33% Glass Filled)
- All Dimensions are in MM
- * For maximum torque please see page no. 8

Technical Specification

Technical Specification for Raychem RPG DMC / SMC Epoxy

Properties	Units	Test Methods (ASTM)	Values		
			SMC	DMC	EPOXY
PHYSICAL					
Specific Gravity		D-792	1.7	1.9	1.6 - 2.0
Glass Contents	%	N.A	25	15	-
Water Absorption (24 hrs)	%	D-570	0.2	0.15	0.04 - 0.1
MECHANICAL					
Tensile Strength	Kgf/Cm ²	D-638	700	400	750 - 400
Flexural Strength	Kgf/Cm ²	D-790	1550	900	800
Compressive Strength	Kgf/Cm ²	D-695	1800	1500	1600
Impact Strength Izod	J/m	D-265	600	250	-
ELECTRICAL					
Dielectric Strength	KV/mm	D-149	12	10	13
Tracking Index	Volts	BS-5901	+600	+600	+600
ARC Resistance	Secs.	D-495	+180	+180	+180
FLAMMABILITY		UL-94	Self Extinguishing	V-0	Self Extinguishing

TOLERANCE CHART

DIM (mm)	TOLERANCE (±)
1-15	0.25 mm
16-50	0.5 mm
51-100	1.0 mm
101-250	1.5 mm
250 & above	2 mm

The above values are for the standard formula followed by the company but we have facilities for manufacturing SMC, DMC, EPOXY according to the customer Requirements.

(SMC = Sheet Moulding Compound)
(DMC = Dough Moulding Compound)

All data given has been determined carefully at the company's test lab, with the variety of purpose for which the products are used, and the methods and application technique employed. However the data and information are given only as a guide, and are not binding. No guarantee of their authenticity can therefore be assumed in all situations and the company reserves the right to modify features without prior notice in view of continued improvements.

Product Gallery



Torque chart-recommended values-indicative only

Bolt Size	Grades		
	Torque N-m		
M4	1.9	2.3	2.9
M5	3.7	4.5	6
M6	6.4	7.7	10
M8	16	19	25
M10	31	37	49
M12	54	65	86
M16	130	155	210
M20	255	305	410
M22	345	415	550

OTHER PRODUCTS OFFERED BY R-Loc®



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