



A Tyco Electronics USA Joint Venture

Technical Data Sheet

For

E1RU Atex Cable Gland



(A TE Connectivity - RPG Enterprises JV)



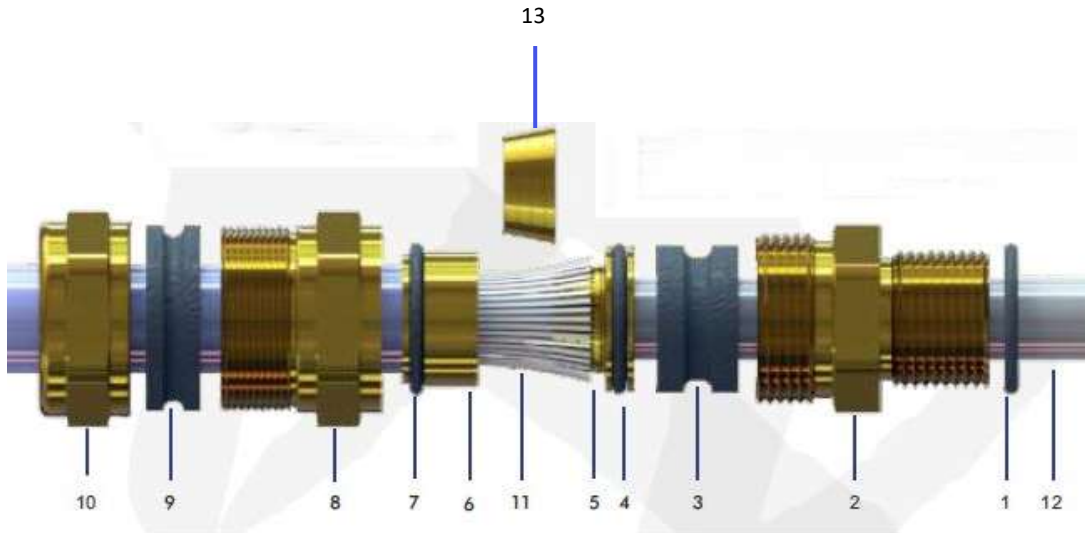
Raw Material Specification E1RU Atex Cable Gland:

Raychem RPG Manufacturers E1RU Atex Cable Gland as per the requirement of EN 60079-0:2012; EN 60079-1:2007; EN 60079-7:2007; EN 60079-31:2009;

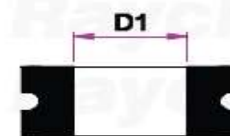
Technical Data:

Equipment	Gas Group	Dust Group
	Zone 1 /Zone 2	Zone 21 / Zone 22
Suitable for use	Group II	Group III
	Gas Group IIC	Dust Group IIIC
For	Gas & Dust potentially explosive atmospheres	
Level of Protection	IP 66 /68	
Certificate No.	CESI 15 ATEX 058X , IECEx CES 15.0020X	
Marking	II 2GD Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db IP 66/68	
Cable Type	SWA/AWA/SWB	
Seal Operating Temperature	Chloroprene	-40°C /+100°C
	Silicone	-60°C /+ 130°C
Material	Brass , Stainless steel, Nickel plated Brass , Galvanized steel	
Thread type	Metric (M) ISO Pitch 1.5 ; NPT (N) ANSI ASME B1.20.1 Other thread type also available upon request.	

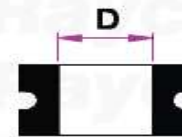
Exploded View Of E1RU Cable gland:



Item	Item Description
1	O-ring BIS
2	Cone body
3	Displacement washer
4	O-ring DC
5	Detachable cone
6	Retainer ring
7	O-ring SR
8	Main body
9	Compression washer
10	Entry nut
11	Armour
12	Armour cable
13	Amour reducer



Upper Seal Cable
Outer Diameters



Lower Seal Cable
Inner Diameters

Product Code Table: METRIC

Thread type.	E1RU cable gland code	Clamping range	
		Cable bidding dia D mm	Over all cable dia D1 mm
M16x1.5	ULM16S1BRC	3-8.5	6-12
M16x1.5	ULM16S2BRC	6-12	8.5-16
M20x1.5	ULM20S1BRC	3-8.5	6-12
M20x1.5	ULM20S2BRC	6-12	8.5-16
M20x1.5	ULM20S3BRC	12-14.5	16-20
M25x1.5	ULM25X1BRC	3-8.5	6-12
M25x1.5	ULM25S1BRC	6-12	8.5-16
M25x1.5	ULM25S2BRC	12-16	16-21
M25x1.5	ULM25S3BRC	12-20	16-26
M32x1.5	ULM32X1BRC	6-12	8.5-16
M32x1.5	ULM32S1BRC	12-20	16-26
M32x1.5	ULM32S2BRC	15-26	20-33
M40x1.5	ULM40X1BRC	12-20	16-26
M40x1.5	ULM40S1BRC	15-26	20-33
M40x1.5	ULM40S2BRC	20-32	29-41
M50x1.5	ULM50X1BRC	15-26	20-33
M50x1.5	ULM50X2BRC	20-32	29-41
M50x1.5	ULM50S1BRC	22-35	33-48
M50x1.5	ULM50S2BRC	27-41	36-52
M63x1.5	ULM63X1BRC	22-35	33-48
M63x1.5	ULM63X2BRC	27-41	36-52
M63x1.5	ULM63S1BRC	35-45	43-57
M63x1.5	ULM63S2BRC	40-52	47-60
M75x1.5	ULM75X1BRC	35-45	43-57
M75x1.5	ULM75S1BRC	40-52	47-60
M75x1.5	ULM75S2BRC	45-60	54-70
M90x1.5	ULM90X1BRC	40-52	47-60
M90x1.5	ULM90S1BRC	45-60	54-70
M90x1.5	ULM90S2BRC	60-72	63-80
M110x1.5	ULM1101BRC	45-60	54-70
M110x1.5	ULM1102BRC	60-72	63-80

Product Code Table: NPT

Thread type.	E1RU cable gland code	Clamping range	
		Cable bidding dia D mm	Over all cable dia D1 mm
NPT3/8"	ULN38S1BRC	3-8.5	6-12
NPT3/8"	ULN38S2BRC	6-12	8.5-16
NPT1/2"	ULN12S1BRC	3-8.5	6-12
NPT1/2"	ULN12S2BRC	6-12	8.5-16
NPT1/2"	ULN12S3BRC	12-14.5	16-20
NPT3/4"	ULN34X1BRC	3-8.5	6-12
NPT3/4"	ULN34S1BRC	6-12	8.5-16
NPT3/4"	ULN34S2BRC	12-16	16-21
NPT3/4"	ULN34S3BRC	12-20	16-26
NPT1"	ULN01X1BRC	6-12	8.5-16
NPT 1"	ULN01S1BRC	12-20	16-26
NPT 1"	ULN01S2BRC	15-26	20-33
NPT1 1/4"	ULN114X1BRC	12-20	16-26
NPT1 1/4"	ULN1141BRC	15-26	20-33
NPT1 1/4"	ULN1142BRC	20-32	29-41
NPT 1 1/2"	ULN112X1BRC	15-26	20-33
NPT 1 1/2"	ULN112X2BRC	20-32	29-41
NPT 1 1/2"	ULN1121BRC	22-35	33-48
NPT 1 1/2"	ULN1122BRC	27-41	36-52
NPT2"	ULN02X1BRC	22-35	33-48
NPT2"	ULN02X2BRC	27-41	36-52
NPT2"	ULN02S1BRC	35-45	43-57
NPT2"	ULN02S2BRC	40-52	47-60
NPT2 1/2"	ULN212X1BRC	35-45	43-57
NPT2 1/2"	ULN2121BRC	40-52	47-60
NPT2 1/2"	ULN2122BRC	45-60	54-70
NPT3"	ULN03X1BRC	40-52	47-60
NPT3"	ULN03S1BRC	45-60	54-70
NPT3"	ULN03S2BRC	60-72	63-80
NPT3 1/2"	ULN3121BRC	45-60	54-70
NPT3 1/2"	ULN3122BRC	60-72	63-80