

AB HEX / AJ ROUND ADAPTORS

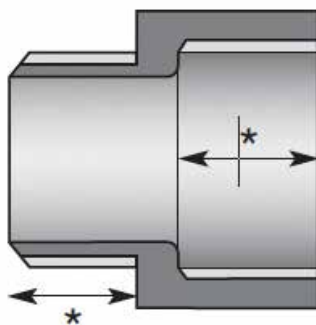


Raxton Exd/Exe Adaptors provide a means of connection between dissimilar thread forms or sizes. Certified Adaptors should be used following the basic rules in line with good engineering practice:- no more than one conversion Adaptor should be used at one time on any given cable entry. Stopping Plugs should be fitted directly into unused entries of the equipment and not into an Adaptor.

Metallic Adaptors have a hexagonal body. Where space is a critical factor, Adaptors can be offered with a round body with a diameter equal to the A/F dimension of the standard item.

Nylon Adaptors are Exe only and are produced with a round body. Exe Adaptors are supplied fitted with an 'O' ring to maintain the IP integrity of the installation.

Raxton Adaptors are marked with the applicable approval number and size. Independently tested to IP68.



* Minimum 8 full threads parallel 5 full threads taper

Certification

- Code of Protection Categories:**

ATEX: I M2, Ex d IMb, Ex e I Mb, or II G, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC Db

IECEX: Ex d I/IIC, Ex e I/IIC, Ex tb IIIC Db,

CSA: Ex d IIC Class 1, Zone 1, AEx d IIC (Brass and Stainless only)

GOST: ExdeI/IICU, ExdeIIICU, ExeIIU

INMETRO: BR-Ex de 1/IIC Mb/Gb, BR-Ex tD A21 IP 66/67

Nylon Adaptors only:

ATEX: II 2 GD, Ex e IIC Gb, Ex tb IIIC Db

IECEX: Ex e IIC Gb, Ex tb IIIC Db

GOST: ExeIIU

INMETRO: BR-Ex e IIC Gb, BR-Ex tD A21 IP 66/67

- Compliance Standards:**

ATEX / INMETRO / GOST: EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007, EN 60079-31:2008

IECEX: IEC 60079-0:2004, IEC 60079-1:2003, IEC 60079-7:2006-07

CSA : CAN/CSA-E79-0-95, CAN/CSA-E79-1-95, UL 2279 1997, IEC 60079-0:1998, IEC 60079-1:1998

(Brass and Stainless only)

Nylon Adaptors only:

ATEX / INMETRO / GOST: EN 60079-0:2009, EN 60079-7:2007, EN 60079-31:2009

IECEX: IEC 60079-0:2007, IEC 60079-7:2006, IEC 60079-31:2008

- Certificate Details:**

ATEX: SIRA10ATEX1225X, SIRA10ATEX3335U

IECEX: IEC Ex SIR 07.0010X, IEC Ex SIR 10.0164U

CSA: CSA 200455-1003277 (Brass and Stainless only)

GOST: POCC GBГБ 06.B01060

INMETRO: NCC 5871/09 U

- TEMPERATURE:**

The item is classified as a component and is therefore not given a temperature rating. Nylon temperature range -20°C to 65°C, 'O' ring -30°C to 125°C

GF Nylon is UL rated @ H.B. @ 1.5mm.

Product Dimensions:

Thread	Metallic Male Thread Max Bore	Nylon Male Thread Max Bore	Metallic Thread A/F (mm)	Nylon Head Dia. (mm)
M16	11.0	8.0	20.8	24.0
M20	14.3	12.5	23.4	27.5
M25	20.5	17.5	27.9	35.5
M32	26.8	24.5	37.6	41.0
M40	33.5	32.5	47.2	50.0
M50	44.0	42.5	56.4	60.0
M63	55.2	53.0	70.1	75.0
M75	66.7	64.0	80.0	85.0
M90	80.0	76.0	105.0	100.0

Product Codes

DIGIT 1+2		DIGIT 3		DIGIT 4 & 5 Male		DIGIT 6 & 7 Female		DIGIT 8		DIGIT 9		DIGIT 10	
Description (Adaptors)	Code	Material	Code	Thread Reference				Approval		Special		Plating	
M-F HEX	AB	BRASS	A	M16	11	½" NPT	42	ATEX Exde	A	None (standard)	X or blank	None	Blank
M-F ROUND	AJ	ALUMINIUM	B	M20	12	¾" NPT	43	IECEX Exde	R	Customer Special	S	Nickel	N
		MILD STEEL	C	M25	13	1" NPT	44	For other approvals please see product coding list on page 28				Zinc	Z
		STAINLESS STEEL	E	M32	14	1¼" NPT	45					Chroma-tised	C
		GLASS FILLED NYLON	M	M40	15	1½" NPT	46					Special	S
				M50	16	2" NPT	47						
				M63	17	2½" NPT	48						
				M75	18	3" NPT	49						
				M90	81	3½" NPT	86						
				M100	82	4" NPT	87	Indus-trial	X or Blank				

Other sizes / threads are available on request

PRODUCT CODING EXAMPLE

Adaptors	Brass	1" NPT(M)	M32(F)	Exde	PART NUMBER
AB	A	44	14	A	= ABA4414A