



STATIC DISSIPATIVE KLIK REEL™

PRODUCT DESCRIPTION

Static dissipative KLIK REELS™ manufactured by Advanced Integrated Materials provide users a durable, robust take up reel designed for maximum protection of tape and reeled components. These high impact polystyrene reels are manufactured with an integrated anti static additive and are available from manufacturing sites world-wide. The full range of tape widths and hub dimensions are catered for to provide optimum component protection and packaging strength.

BASE MATERIAL

High Impact Polystyrene with Integrated Antistatic Additive

SURFACE RESISTIVITY

Static dissipative with surface resistivity less than 1×10^{12} ohms per square.

COLOUR AND WINDOWS

KLIK REELS™ are available in white, black or blue dependent upon the manufacturing location and provide 3 or 5 windows per flange for easy visual reference whilst maintaining ample labelling space and reel strength.

RECYCLABLE SPACE SAVING DESIGN

The unique inter-stacking design of KLIK REELS™ allows high density storage offering up to a 180% space saving compared to assembled reels. KLIK REELS™ can be easily disassembled without reel damage for reuse and recycling. This efficient, recyclable design allows users to minimize storage space thereby reducing overall cost of ownership whilst providing an environmentally ISO 14000 friendly reel.



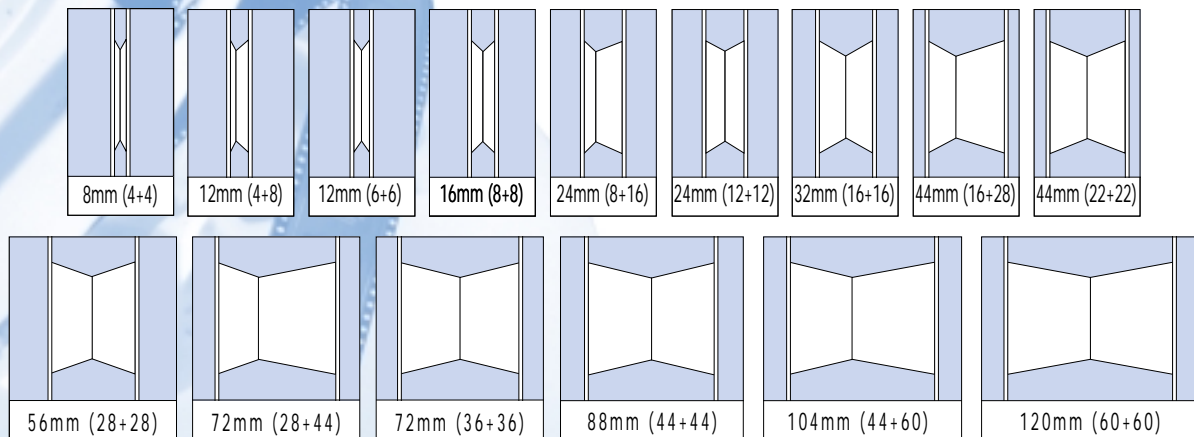
REEL DIAMETER

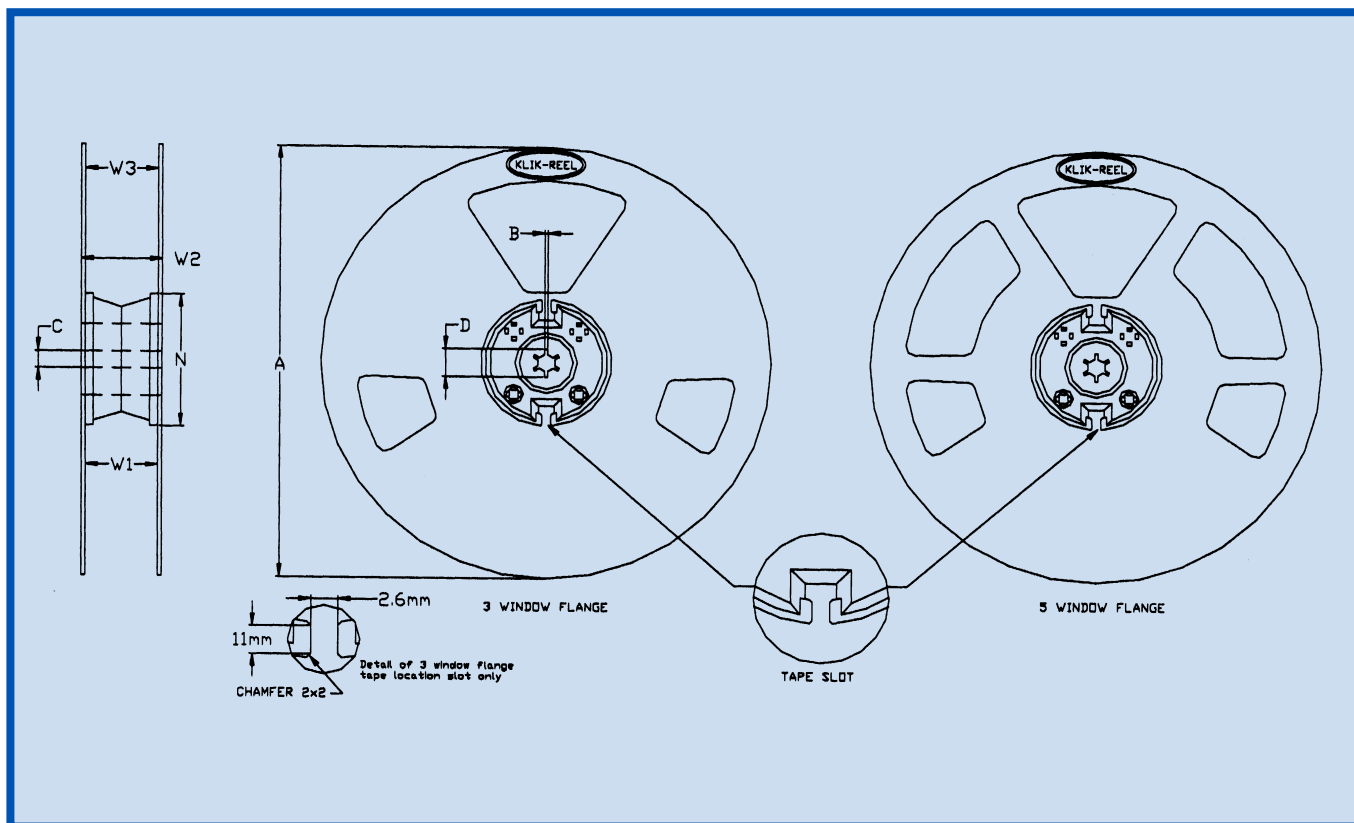
Static dissipative KLIK REELS™ are available in 13-inch (330mm) or 15-inch (380mm) reel diameters and all tape increments for 8mm – 120mm carrier widths.

HUB WIDTH AND ASSEMBLY

KLIK REELS™ are supplied in two halves enabling quick, easy self-assembly. The two halves are simply clicked together to form the assembled reel. The hub diameter is available in 3 sizes: 4, 6 or 7 inches (100, 150 and 178mm) to offer maximum component protection no matter what size or pitch. The illustrations below outline the hub widths available to provide a finished reel.

COMBINATION GUIDE FOR STATIC DISSIPATIVE KLIK-REELS™





**DIMENSIONS FOR ASSEMBLED STATIC DISSIPATIVE KLIK REELS™
WITH 4, 6 AND 7 INCH (100, 150 & 178MM) DIAMETER HUBS.**

Tape Width	A Diameter	B (min)	(All dimensions in mm)			W1	W2 (max)	W3 (min)	W3 (max)
			C	D (min)	N Hub				
8	330 / 381	1.5	13 +/-0.2	20.2	100 +/- 1mm	8.40 +1.5 -0.0	14.4	7.9	10.9
12	330 / 381	1.5	13 +/-0.2	20.2	100 +/- 1mm	12.4 +2.0 -0.0	18.4	11.9	15.4
16	330 / 381	1.5	13 +0.5 -0.2	20.2	100, 150 or 178 +/- 1mm	16.4 +2.0 -0.0	22.4	15.9	19.4
24	330 / 381	1.5	13 +0.5 -0.2	20.2	100, 150 or 178 +/- 1mm	24.4 +2.0 -0.0	30.4	23.9	27.4
32	330 / 381	1.5	13 +0.5 -0.2	20.2	100, 150 or 178 +/- 1mm	32.4 +2.0 -0.0	38.4	31.9	35.4
44	330 / 381	1.5	13 +0.5 -0.2	20.2	100, 150 or 178 +/- 1mm	44.4 +2.0 -0.0	50.4	43.9	47.4
56	330 / 381	1.5	13 +0.5 -0.2	20.2	100, 150 or 178 +/- 1mm	56.4 +2.0 -0.0	62.4	55.9	59.4
72	330	1.5	13 +0.5 -0.2	20.2	150 or 178 +/- 1mm	72.4 +2.0 -0.0	89	*	*
88	330	1.5	13 +0.5 -0.2	20.2	150 or 178 +/- 1mm	88.4 +2.0 -0.0	105	*	*
104	330	1.5	13 +0.5 -0.2	20.2	150 or 178 +/- 1mm	104.4 +2.0 -0.0	121	*	*
120	330	1.5	13 +0.5 -0.2	20.2	150 or 178 +/- 1mm	120.4 +2.0 -0.0	137	*	*

*Shall accommodate tape without interference

ALL OTHER DIMENSIONS AND TOLERANCES ARE FULLY COMPLIANT WITH EIA-481-B

FLANGE (1/2 REEL) PART NUMBERING REFERENCE GUIDE

Please see combination guide details for flange width required.

FLANGE (1/2 REEL) PART NUMBERING REFERENCE GUIDE				
Flange Part No.	Hub Width Millimetres	Hub Diameter Inches	Flange Diameter Inches	Windows Replace * with number of windows required when ordered
KR04X4X13D*	4	4	13	3 or 5
KR06X4X13D5	6	4	13	5
KR08X4X13D*	8	4	13	3 or 5
KR12X4X13D5	12	4	13	5
KR16X4X13D*	16	4	13	3 or 5
KR22X4X13D5	22	4	13	5
KR28X4X13D*	28	4	13	3 or 5
KR08X6X13D3	8	6	13	3
KR16X6X13D3	16	6	13	3
KR22X6X13D5	22	6	13	5
KR28X6X13D*	28	6	13	3 or 5
KR36X6X13D5	36	6	13	5
KR44X6X13D*	44	6	13	3 or 5
KR60X6X13D3	60	6	13	3
KR08X7X13D3	8	7	13	3
KR16X7X13D3	16	7	13	3
KR28X7X13D3	28	7	13	3
KR44X7X13D3	44	7	13	3
KR60X7X13D3	60	7	13	3
KR04X4X15DB5	4	4	15**	5
KR06X4X15DB5	6	4	15**	5
KR08X4X15DB5	8	4	15**	5
KR12X4X15DB5	12	4	15**	5
KR16X4X15DB5	16	4	15**	5
KR22X4X15DB5	22	4	15**	5
KR16X6X15DB5	16	6	15**	5
KR22X6X15DB5	22	6	15**	5
KR28X6X15DB5	28	6	15**	5

* Please see combination guide for widths required, please note that 3 window designs may not be combined with 5 window designs.

Window availability and colour is dependent upon manufacturing location and must be specified at the time of ordering. Contact customer service for full details.

** Please see **KLIK REEL™** 15 inch diameter section drawing for full dimensional details. 15 inch reels are only available in black.

AVAILABILITY AND FLANGE PER BOX			
Flange Hub Width	4 Inch (100 mm) Hub Diameter Flanges per Box	6 Inch (150 mm) Hub Diameter Flanges per Box	7 Inch (178 mm) Hub Diameter Flanges per Box
4mm	44 / 60 ***	na	na
6mm	50	na	na
8mm	50	50	50
12mm	50	na	na
16mm	50	54 / 50 ***	50
22mm	50	50	na
28mm	50	36 / 50 ***	36
36mm	50	50	na
44mm	50	50	TBA
60mm	na	TBA	TBA

*** Dependent upon sourcing location

SHELF LIFE AND STORAGE CONDITIONS

With a shelf life of two years, recommended storage conditions for KLIK REELS™ are: storage indoors away from direct sunlight within a temperature range of 18°C to 35°C (64°F to 95°F) and relative humidity levels of 35% – 65%.

WARRANTY STATEMENT

All products come with a one year limited warranty.

CUSTOMER SERVICE

Our global customer service and technical support teams can assist in all aspects of specifying and sourcing your entire in-house taping requirements. Our extensive open tooling database is utilised to search for available exact fit carrier tapes. Advanced Integrated Materials design carrier tapes for all standard and non-standard components and can assist in cover tape and KLIK REEL™ recommendations. Materials required for in-house tape & reel and finished goods operations are also supplied. Please contact our local customer service departments at the relative location nearest you. Complete contact details are available from our website contact page.

OTHER PRODUCTS AND SERVICES AVAILABLE

In addition to our KLIK REELS™, we offer a complete range of all materials necessary for tape and reel operations including: carrier tape materials, cover tapes, humidity indicator cards, moisture barrier bags, desiccant and other sundry semiconductor finishing materials. Also available from our parent company Reel Service is full subcontract tape and reel, inspection and programming capabilities. Please contact our customer service team for further information on our complete range of tape and reel products and services.



Global packaging, local to you



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Philippines
Reel Service Inc.
No. 5 Circuit Street
Light Industry & Science Park
4025 Cabuyao, Laguna
Philippines

Tel: +63 (49) 5 430 480
Fax: +63 (49) 5 430 488

Europe & U.K.
Reel Service Ltd.
55 Nasmyth Road
Southfield Ind. Est.
Glenrothes
FIFE KY6 2SD
Scotland

Tel: +44 (0) 1592 773 208
Fax: +44 (0) 1592 774 696

Singapore
Reel Service Pte Ltd.
Block 25 Kallang Ave
#03-01/02
Singapore 339416

Tel: +65 6392 2112
Fax: +65 6392 7571

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www.reelservice.com