

TIN TUBES



Solutions That Matter.

intrapacinternational.com



Ophthalmic



Animal Health

Tin tube packaging provides the fastest FDA approval path for new products and formulations.

Tin is an inert metal, clean, with very low impurities, resulting in a favorable extractables and leachables profile. IntraPac understands the importance of pharmaceutical and healthcare products meeting the highest quality standards. Our tin tube manufacturing process is vertically integrated from the manufacturing of tin slugs, made from the highest purity imported tin, to our flexographic printing.

IntraPac is the only manufacturer of tin tubes in the world, with over 50 years of experience, we lead the production of tin tubes for eye ointments. Our tin tube delivery system offers the additional protection and sterilization required for your formula. Tin tubes are the ideal package for aggressive formulations that may cause corrosion or requiring oxygen and moisture barrier properties. This exceptional package is creating a solution that matters to our patients.

BENEFITS

Superior oxygen and moisture barrier properties

GMP facility

Proven design for Gamma and ETO sterilization processes

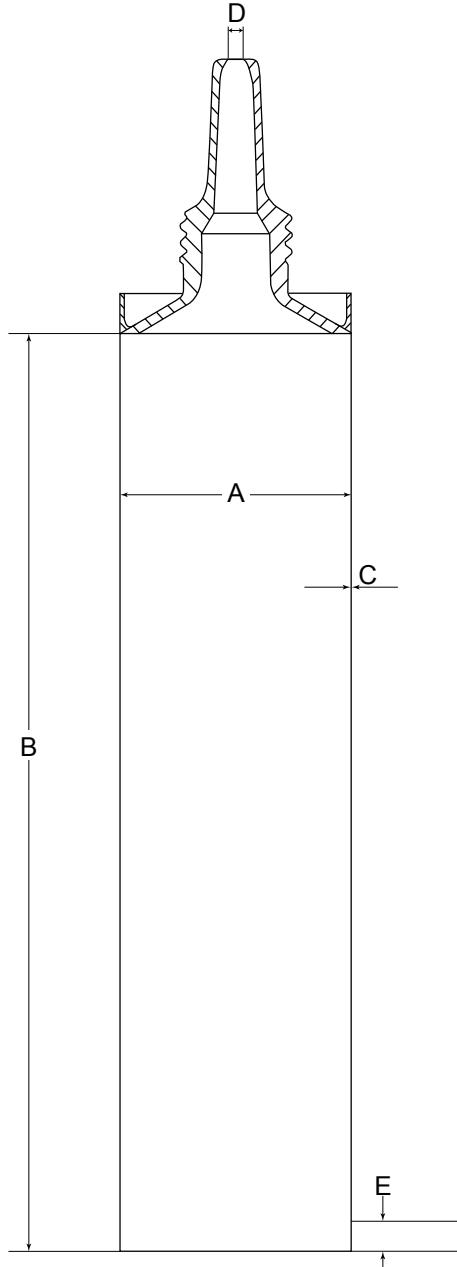
Drug Master File (DMF)

Controlled dispensing, no overflow, no suck back minimizing contaminants

ISO:9001 Certification



For the highest quality, complete project management, technical and industry expertise, IntraPac tin tubes provide Solutions that Matter.



D

	DIMENSION	TARGET	MAXIMUM	MINIMUM
A	Tube Diameter	0.500	0.505	0.495
B	Length - Standard for 1G	2.000	2.031	1.969
	Standard for 3G fill	2.750	2.781	2.719
C	Wall Thickness	0.0044	0.0055	0.0033
D	Orifice	0.050	0.060	0.045
E	Bare Metal Margin *	0.656	0.687	0.625

*IntraPac requires a minimum of 0.0625 inches of bare metal. The standard for a 2.750 length tube is 0.656 inches. However, this can be modified to meet customer requirements.

NOT TO SCALE



IntraPac (Harrisonburg), Inc.
4850 Crowe Drive
Solutions That Matter. Mount Crawford, VA 22841
(540) 434-4411 Fax (540) 434-6462

DESCRIPTION:
Eye Tip Tin Tube 0.500in. Dia.
Tamper Evident
DRAWING No.:
GEN-002

CUSTOMER APPROVAL:

DATE: