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SPC-F005.DWG

REVISIONS

DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
698	B	DELETED 2 PARTS	DJC	3/8/99	JC	3/9/99	JC	3/9/99
1914	C	Update To RoHS Compliant	EO	5/29/06	HO	5/30/06	HO	5/30/06



SPC TYPE NO.	SIZE	EXPANDED I.D. MIN		RECOVERED I.D. MAX.		RECOVERED WALL NOMINAL		SPOOL LENGTH (FEET)
		(IN.)	(mm)	(IN.)	(mm)	(IN.)	(mm)	
3526	3/16	0.187	4.75	0.093	2.36	0.020	0.51	25
3527	1/4	0.250	6.35	0.125	3.18	0.025	0.64	25
3528	3/8	0.375	9.53	0.187	4.75	0.025	0.64	25
3529	1/2	0.500	12.70	0.250	6.35	0.025	0.64	25
3538	3/16	0.187	4.75	0.093	2.36	0.020	0.51	100
3539	1/4	0.250	6.35	0.125	3.18	0.025	0.64	100
3540	3/8	0.375	9.53	0.187	4.75	0.025	0.64	100
3541	1/2	0.500	12.70	0.250	6.35	0.025	0.64	100
3564	1/16	0.063	1.60	0.031	0.79	0.017	0.43	25
3565	3/32	0.093	2.36	0.046	1.17	0.020	0.51	25
3566	1/8	0.125	3.18	0.062	1.58	0.020	0.51	25
3568	1/16	0.063	1.60	0.031	0.79	0.017	0.43	100
3569	3/32	0.093	2.36	0.046	1.17	0.020	0.51	100
3570	1/8	0.125	3.18	0.062	1.58	0.020	0.51	100

SPECIFICATIONS

USP XXII, NF XVII, CLASS VI Biological Compatibility for Plastics
 MATERIAL: Acrylated Polyolefin
 CONTINUOUS OPERATING TEMPERATURE RANGE: -55°C to 121°C
 MIN. RECOMMENDED SHRINK TEMPERATURE: 121°C (250°F)
 COLOR: White
 LONGITUDINAL SHRINKAGE: ±5%
 CHEMICAL RESISTANCE: Resists a wide range of chemicals such as Hexachlorophene (pHisoHex), Saline Solution, Povidone-Iodine (Betadine), Benzalkonium (Zephiran), Alcohol, as well as moisture, sunlight and fungus

Compatible with all of the following sterilization techniques:
 * Radiation Sterilization (Electron Beam and Gamma)
 * ETO Sterilization (Low ETO residuals with only 3 day aeration)
 * Steris Process (Paracetic Acid)
 * Hydrogen Peroxide Gas
 * Glutaraldehyde
 * Autoclave Sterilization (20 cycles @121°C, 15 psig for 156 min. with a fast dry cycle)

DISCLAIMER:
 ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TOLERANCES:
 UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
DANIEL CAREY	5/20/98
CHECKED BY:	DATE:
JOHN COLE	6/11/98
APPROVED BY:	DATE:
JEFF MCVICKER	6/11/98

DRAWING TITLE:			
MEDICAL GRADE HEAT SHRINK			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	TA-129	TA-129.DWG	C
SCALE: NTS	U.O.M.: INCHES	SHEET: 1 OF 2	

PROPERTY	TEST METHOD	TYPICAL VALUE
SPECIFIC GRAVITY	ASTM D792	0.93
TENSILE STRENGTH	ASTM D638	3,200/3,600 psi
ULTIMATE ELONGATION	ASTM D638	500/600%
SECANT MODULUS, @ 2% STRAIN	ASTM D2671	12,000
DUROMETER, Shore A 15 Second Delay	ASTM D2240	53
VOLUME RESISTIVITY @ 500 volts	ASTM D257	$>10^{16}$ ohm-cm @ 500 volts
DIELECTRIC STRENGTH in air @ 500kv/min rise	ASTM D149	1,800/2,000 vpm
DIELECTRIC CONSTANT @ 1MHz	ASTM D150	2.0/2.2
DISSIPATION FACTOR @ 1MHz	ASTM D257	0.008
TOXICITY	40 CFR 798.1175	non-toxic

AUTOCLAVE CYCLE TEST

20 cycles @ 121°C 15 psig for 15 min with fast dry cycle followed by test for:

PROPERTY	TEST METHOD	TYPICAL VALUE
VOLUME RESISTIVITY @ 500 volts		No change from original
DIELECTRIC STRENGTH IN AIR @ 500 kv/min rise	ASTM D 149	No change from original
DIELECTRIC CONSTANT @ 1MHz	ASTM D 150	No change from original
DISSIPATION FACTOR @ 1MHz	ASTM D 150	No change from original

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SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	TA-129	TA-129.DWG	C
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 2 OF 2	

SPC-F005.DWG

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