

# NETCO EXTRUDED PLASTICS

... where customers come first



## MEDICAL

Netco Extruded Plastics provides the medical market with a variety of extrusions, profiles and custom parts from bonded PVC catheter guide tubes, to od/id fetal scalp monitoring tubing, to monofilament x-ray detection threads. Our clean room manufacturing capabilities allow us to process high quality products which can be supplied in bulk form or further processed into finished assemblies to meet the demanding performance requirements and packaging needs of our medical customers.

Applications such as x-ray detection monofilament require the extrusion of flexible PVC blue pigmented resin in very fine (.025") diameter, which is then wound on spools or cones for use in medical operating rooms. Clear PVC flexible tubing is used for a variety of pump and catheter applications. Certain para-wire tubing assemblies require od/id tubes to be co-extruded and thermally combined – for example, with irrigation tubing and suction tubing – and later fused to coated wires. We can extrude multi-lumen umbilical tubing to carry fluids for medical treatment, cosmetic and related uses. In addition, we provide fasteners and clips extruded from both flexible and rigid materials, to secure products in place.



Flexible PVC Tubing



Polyethylene Slit Guide Tubes



Clean Room Manufacturing



Flexible 0.025" PVC X-ray Detection Cord



PHYSICAL PROPERTIES							
General Properties Range	Density g/cc	Tensile str. @ yield 1000psi	Elongation at yield %	Flex. Mod 10E5 psi	Notched Izod Impact	Deflection Temp. F.	UL 94 Rating
<b>ABS</b>	1.05	4.5-8	30%	2.8-3.9	1.50-7.1	165-220	HB-V0
<b>CAB</b> (Cellulose Acetate, Butyrate)	1.2	3-6.6	-	1.2-2.7	2.2-8.4	205-154	-
<b>LDPE</b> (Low Density Polyethylene)	0.92	1.1-2.0	100%-800%	.2-.4	No break	195-205**	-
<b>HDPE</b> (High Density Polyethylene)	0.95	3.0-5.0	60%-1000%	1.65-2.25	2.3-14.0	150-172	-
<b>Polypropylene: HO</b>	0.9	3.4-5.8	9%-15%	2.0-3.2	.4-.9	175-275	V0, V2, HB
<b>Polypropylene: CO</b>	0.9	2.4-4.0	8%-15%	.75-1.85	.8-3.0	145-160	V0, V2, HB
<b>PVC (Flexible)</b>	0.9	3.0-4.6	-	1.0-1.7	No break	194-203	
<b>PVC (Rigid)</b>	1.4	5.3-8.0	-	2.5-4.3	1.0-23.0	150-170	V0
<b>Polystyrene</b>	1.04	5.4-8	2%	3.0-5.0	.26-.4	203	HB
<b>Polystyrene (High Impact)</b>	1.05	2.7-4.3	5%-50%	2.0-3.4	.9-4.0	183-201	HB
<b>Elastomers (TPE)</b>	.94-1.2	0.5-3.0	200%-800%	-	NB	-	HB

As a qualified supplier to some of the best known medical companies around the world, Netco Extruded Plastics has demonstrated years of success developing products that meet the needs of the medical market, from simple shapes to complex profiles in a variety of plastic materials. We are committed to providing products of superior quality, delivered on-time, with world class customer service. Whatever your need, you can be confident that Netco extrudes quality.



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