

CRYSTAL CLEAR-55



+80°C

-20°C

半透明药品级TPE-S蠕动泵管 专为食品、制药、生物技术和化妆品行业应用而特别设计的蠕动泵管；高度中性的味道和气味，保持了介质的原有属性；无硫化；可耐高达50%的酒精浓度；比硅弹性体更不渗透；相较于同类型产品，IPL泵管具有更好的工作寿命（在3叶泵上测试时，平均工作寿命为190小时，转速为600转/分），泵头的剥落率也很低；多种长度的热密封快速焊接，无需连接器即可组装，确保介质流动的稳定性和。

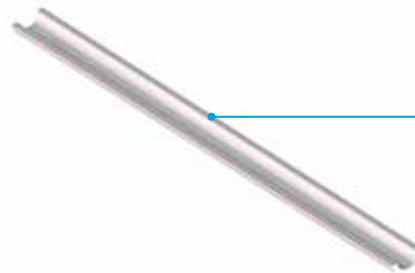
- 制药、化妆品和食品行业应用上蠕动泵的理想选择；典型应用：液体药物的精密分注，无菌灌装及分配系统，细胞培养基，合成、净化和分离过程，实验室各类应用，肥皂、奶油、洗涤剂的分注以及分注果汁、酒精、酱汁、粘稠液体(糖浆)、水和净化水；同样也适用于牛奶及低脂食品；常应用于饮料分配器。

符合药品级标准 *ISO 10993-5 (Non cytotoxic)* ; *ISO10993-4 (Non haemolytic, direct and indirect methods)*; *USP <88> CLASS VI* ; *USP <661> Physicochemical Tests-plastics* ; 食品级标准 *EU Regulation n° 10/2011 (classes A, B, C, D1)* ; *FDA regulations (Title 21 CFR 177.2600 classes D, E)*.

Translucent hygienic TPE-S pharma-grade tubing for peristaltic pumps specifically engineered for applications within food, pharmaceutical, biotech and cosmetic industries. Highly neutral in taste and odor, it preserves the organoleptic properties of the medium. Curing-free material; versatile rubber resistant also to alcohols with max. 50% concentration. Much more impermeable than silicone elastomers. Superior working life on peristaltic pumps when compared with similar tubings of the competition (average working life >190 hours when tested on a 3 lobes pump with 600 turning/minute) and minimal spallation on pump heads. Heat sealable and quick welding of multiple lengths, which can be assembled without the need of connectors. This ensures the stability of the flow.

- *Ideal solution for peristaltic pumps working in the pharmaceutical, cosmetic and food sectors. Typical applications: dosing of pharmaceutical fluids, sterile filling and dispensing systems, cell culture media, synthetic processes, purification and separation processes, laboratory applications, dosing od soaps, cremes, detergents. Dosing of juices, alcohols, sauces, viscous fluids (syrups), waters and purified waters. For milk and low fat products. For dispensers of beverages*

ISO 10993-5 (Non cytotoxic); ISO10993-4 (Non haemolytic, direct and indirect methods); USP <88> CLASS VI; USP <661> Physicochemical Tests-plastics; EU Regulation n° 10/2011 (classes A, B, C, D1); FDA regulations (Title 21 CFR 177.2600 classes D, E).



卫生级TPE-S / Hygienic TPE-S

技术参数 / Technical data

| 代码 Code | 内径 Ins. β | 外径 Out β | 壁厚 Wall th. | 重量 Weight | 工作压力 WP | 负压 Vac. | 弯曲半径 Bending | 每卷长度 Coil lgth. | 包装 Package |
|-------------------|--------------------|-------------------|----------------|--------------|------------|------------|-----------------|--------------------|------------------------|
| | mm | mm | mm | g/m | bar | mm HG | mm | m | m ³ |
| CL N9 003.2 006.4 | 3,2/ 1/8" | 6,4/ 1/4" | 1,6 | 20 | 0,9 | 640 | 12,8 | 15,2 | 最小10盒 min. 10 boxes |
| CL N9 003.2 008.0 | 3,2/ 1/8" | 8/ 5/16" | 2,4 | 40 | 1,1 | 680 | 12,8 | 15,2 | |
| CL N9 004.8 008.0 | 4,8/ 3/16" | 8/ 5/16" | 1,6 | 30 | 0,9 | 540 | 19,2 | 15,2 | |
| CL N9 004.8 009.5 | 4,8/ 3/16" | 9,5 / 3/8" | 2,4 | 50 | 0,9 | 540 | 19,04 | 15,2 | |
| CL N9 006.3 009.5 | 6,35/ 1/4" | 9,5 / 3/8" | 1,6 | 35 | 0,7 | 410 | 31,75 | 15,2 | |
| CL N9 006.3 011.1 | 6,35 / 1/4" | 11,1/ 7/16" | 2,4 | 60 | 1,1 | 640 | 31,75 | 15,2 | |
| CL N9 006.3 012.7 | 6,35 / 1/4" | 12,7/ 1/2" | 3,2 | 85 | 1,2 | 680 | 38,1 | 15,2 | |
| CL N9 007.9 011.1 | 7,9/ 5/16" | 11,1/ 7/16" | 1,6 | 40 | 0,6 | 260 | 55,3 | 15,2 | |
| CL N9 007.9 012.7 | 7,9 / 5/16" | 12,7/ 1/2" | 2,4 | 70 | 0,9 | 450 | 63,2 | 15,2 | |
| CL N9 009.5 012.7 | 9,5 / 3/8" | 12,7/ 1/2" | 1,6 | 50 | 0,5 | 225 | 66,5 | 15,2 | |
| CL N9 009.5 014.3 | 9,5 / 3/8" | 14,3/ 9/16" | 2,4 | 80 | 1 | 600 | 52,25 | 15,2 | |
| CL N7 009.5 012.7 | 9,5 / 3/8" | 12,7 / 1/2" | 1,6 | 50 | 0,5 | 225 | 66,5 | 7,5 | 最小15盒 min. 15 boxes |
| CL N7 009.5 015.9 | 9,5 / 3/8" | 15,9 / 5/8" | 3,2 | 115 | 1 | 600 | 52,25 | 7,5 | |
| CL N7 012.7 017.5 | 12,7/ 1/2" | 17,5/ 11/16" | 2,4 | 100 | 0,6 | 430 | 76,2 | 7,5 | |
| CL N7 012.7 019.1 | 12,7/ 1/2" | 19,1/ 3/4" | 3,2 | 140 | 0,9 | 410 | 76,2 | 7,5 | |

* 如有需求，请与我们的销售办公室联系，以获得更多的信息和数据 / * Available on request, contact our sales office for more info and quantities
以上报告的技术数据均在温度23°C，50%湿度下测量的 / The technical data here reported were measured at 23°C with 50% humidity