

Netafim™ Driplines Instructions

Dear customers,

Thank you for choosing Netafim™ driplines based on Israel technology. We wish you a good harvest in the new season!

Compared to others, Netafim™ driplines have many excellent properties. Familiarizing yourself with these properties and taking advantage of them can make your cultivation more profitable!

• Low-flow technology

When other technical parameters are the same, the lower the flow rate of the dripper, the longer the dripline will be laid which result in significant reduction in the amount of mainlines, zone pipes, valves and valve clusters. While reducing the investment of the system and the maintenance cost, it also improves the efficiency of the mechanical operation in the field.

The internal water passage of Netafim's drippers within low flow dripline Streamline™ X 16060 has superior hydraulic performance. The maximum lateral length of the low-flow dripline at different specifications is shown in the following table when the slope is 0 (flat area), the inlet pressure is 1.0 Bar, and the flow variation in a single dripline is less than or equal to 12%:

Inside diameter (mm)	Nominal flow rate (l/h)	Distance between drippers (cm)	Max. lateral length (m)
16.2	1.10	20	111
16.2	1.10	25	130
16.2	1.10	30	148
16.2	0.75	20	140
16.2	0.75	25	164
16.2	0.75	30	186
16.2	0.35	20	229
16.2	0.35	25	268
16.2	0.35	30	304

• Anti-clogging technology

Netafim's patented dripper labyrinth has the characteristics of large cross-section, short water passage and large filtration area, which makes the dripper have excellent anti-clogging ability, and with the protection of the filtration system (120 mesh), it can provide accurate water and fertilizer supply for crops for a long time under harsh water conditions.

• Uniform water and fertilizer supply capacity

In order to ensure that the drip irrigation system can provide a uniform supply of water and fertilizer for crops, and achieve the purpose of improving the quality and yield of crops, the quality of driplines should be good and reliable, and its flow rate uniformity should meet the international and national standards, so as to ensure that each of your crops can get uniform water and nutrients. Netafim™ drippers and driplines fit all this standards.

• High resistance to damage

In order to avoid damage to the thin wall dripline during laying and use, Netafim's patented reinforcement technology significantly improves the damage resistance of the internal dripper weld and the external pipe wall of the dripline, so as to improve the effectiveness and prolong the service life of the dripline.

• Strict manufacturing standards and production processes

Strict production quality control, new raw material formula, with precise production technology, make Netafim™ thin wall dripline also has good toughness, aging resistance, environmental stress crack resistance and pull-out resistance, all performance indicators are better than the relevant requirements in ISO 9261, such as the instantaneous burst pressure at room temperature can reach more than 2 KG, even if it is subjected to about 10 KG of tensile force will not break, and the change of dripper spacing is much less than 5% of the standard requirements.

In addition to understanding the above product properties, we strongly recommend that you pay attention to the following precautions, high-quality products combined with professional use and maintenance will make your drip irrigation system perform at its best!

• Filtration

Good water quality will make the drip irrigation system run more reliably for a longer time, you need to choose the right filtration equipment according to the conditions of the water source, and you can consult the Netafim™ irrigation engineer for specific advice.

• Suitable pipe-laying equipment

Improper pipe-laying equipment will damage the dripline before the system is used, adding additional repair costs. Please carefully check whether the safe shank is smooth and free of sharp objects before pipe laying, it is recommended to use the pipe-laying kit provided by Netafim™.

• The dripper outlets must be laid upwards

Netafim™ dripline has two orange stripes on the side of the dripper, and it is important to lay the orange stripes side facing upwards to ensure that the dripper outlets are facing upwards to extend useful life.

• Protects against insect bites

Underground pests are serious in some areas, if you lay driplines by shallow burial, we recommend that you carry out drip irrigation with pesticide as soon as the laying is completed to kill underground insects and reduce the damage caused by their bites.

If you want to know more about professional drip irrigation technology, please follow Netafim™ in the following ways!



WeChat Official
account



Tik Tok - Netafim™ Official
Service Hotline: 400 823 8858

耐特菲姆滴灌管使用须知

尊敬的用户，

感谢您选择使用以色列耐特菲姆品牌滴灌管，预祝您在新的种植季获得好的收成！

相比于普通滴灌产品，耐特菲姆滴灌管拥有诸多优异的性能特性，熟悉这些特性并加以利用，必能让您的种植收益更上一层楼！

• 低流量技术

当其他技术指标相同时，滴头流量越低，滴灌带的铺设长度越大，从而显著减少主管道、阀门及出地栓用量，在降低系统造价和维护成本的同时，提高田间机械操作效率；

耐特菲姆的Streamline™ X 16060小流量滴灌管的滴头内部流道具有优越的水力性能，不同规格的小流量滴灌管在平地（坡度为0）、滴管进口压力为1.0 Bar、单根滴管内流量偏差率小于等于12%时，其单边最长铺设距离见下表：

滴灌管内径 (mm)	滴头标称流量 (l/h)	滴头间距 (cm)	最长铺设距离 (m)
16.2	1.10	20	111
16.2	1.10	25	130
16.2	1.10	30	148
16.2	0.75	20	140
16.2	0.75	25	164
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• 抗堵塞技术

耐特菲姆专利技术的滴头流道具有断面大、流道短、滤网面积大的特点，使得滴头具有卓越的抗堵塞能力，经过120目的过滤系统的保护，其在较恶劣的水质条件下能够长期为作物提供精准的水肥供应。

• 均匀的水肥供应能力

为确保滴灌系统能为作物提供均匀的水肥供应，最终达到作物品质与产量的提效增产目的，滴灌管的产品质量应良好可靠，其流量均匀性应满足相应国际标准和国家标准，从而保障您的每一棵作物都能获得均匀一致的水分和养分。耐特菲姆的滴灌管均满足国际标准和国家标准。

• 良好的抗破损能力

为避免薄壁滴灌带在铺设和使用过程中的损伤，耐特菲姆的加筋专利技术，显著提高滴灌带内部的滴头焊接处及外部管壁的抗破损能力，从而提升使用效果并延长滴灌带的使用寿命。

• 严格的制造标准与生产工艺

严苛的生产品控，全新原料配方，配合精密的生产工艺，使得耐特菲姆薄壁滴灌带也一样具有良好的韧性、抗老化性、耐环境应力开裂性与耐拉拔性能，各性能指标均优于国际标准ISO9261中相关要求，如常温下的瞬时爆破压力可达2KG以上，即使经受约10KG的拉力也不会出现断裂，且滴头间距的变化远小于标准要求5%。

除了了解以上产品特性以外，我们强烈建议您关注以下使用注意事项，高品质产品结合专业的使用与维护，会让您滴灌系统发挥最佳性能！

• 过滤

良好的水质会让滴灌系统更长久稳定的运行，您需要根据水源的条件选择合适的过滤设备，具体建议可咨询耐特菲姆灌溉工程师。

• 合适的铺管设备

不合适的铺管设备会在系统未使用前就损伤滴灌管，增加额外的修补成本，请在机械化铺管前，仔细检查铺管导管是否顺滑并无尖锐物体，建议使用耐特菲姆配套的铺管套装。

• 滴头朝上铺设

耐特菲姆滴灌管在滴头一侧特有两条橙色条纹，在铺设时务必将橙色条纹朝上铺设，确保滴头出水口朝上，避免杂物堵塞，延长滴灌带使用寿命。

• 防虫咬

部分地区地下害虫严重，如您采用浅埋铺设方式，我们建议您在铺设完成后的第一时间进行滴灌施药，杀灭地下害虫，减轻虫咬造成的损伤

想了解更多专业滴灌技术知识，请通过以下方式关注耐特菲姆！



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耐特菲姆官方服务热线：
400 823 8858