

# APOLLO

# 9

## QUICK **ELASTIC** PIPE

Pressued Clean Water Systems



25.03.2020

**wavin**

## System Specifications

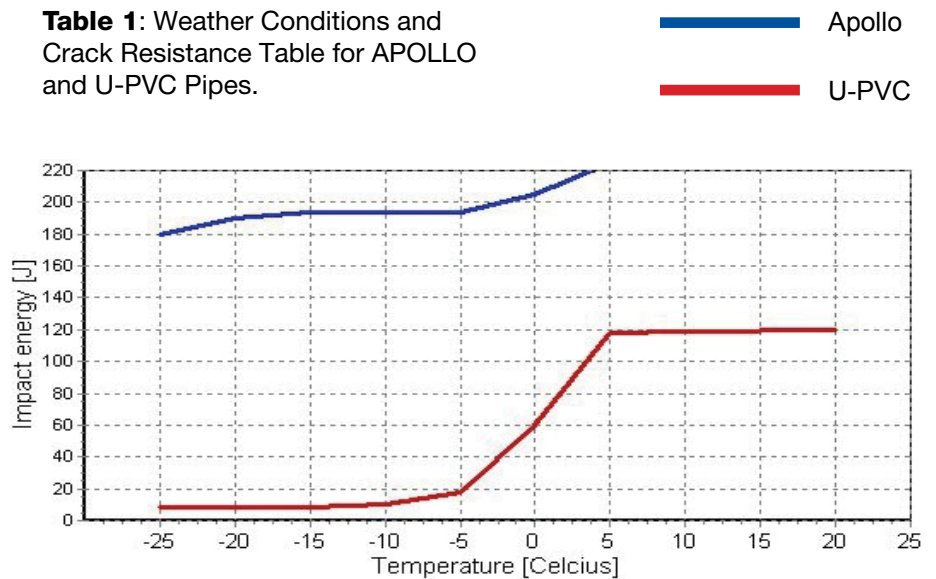
### High Crack Resistance

They are three times more durable according to U-PVC Pipe. In cold weather the durability increases up to ten times.

### Even Usage at Extreme cold Weather

By means of high durability even protected at  $-20^{\circ}\text{C}$ , even they can be used under extreme cold weather conditions  
\* They can be installed till  $-20^{\circ}\text{C}$

**Table 1:** Weather Conditions and Crack Resistance Table for APOLLO and U-PVC Pipes.

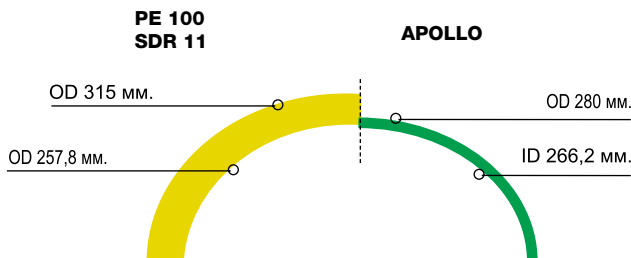


Inside Diameter Advantage Table

### Better Hydraulic Performance

Apollo pipes have larger inside diameter compared to U-PVC and PE 100 pipes. A better performance can be caught even when the same diameter APOLLO is used, compared to U-PVC and PE 100 pipes.

**Figure 1:** APOLLO- PE 100 Pipe Inside Diameter Comparison



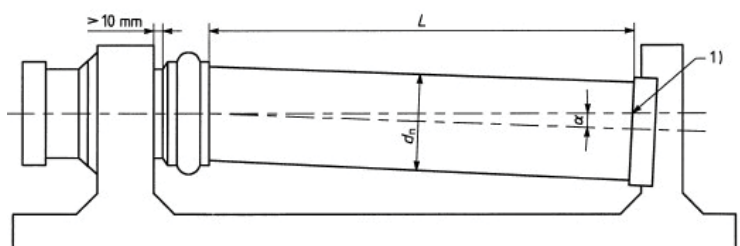
**Table 2:** Inside Diameter Advantage Table

PIPE DIAMETER	INSIDE DIAMETER (d) ADVANTAGE of APOLLO according to PE100
110 MM- 10 aTM	8,7%
125 MM- 10 aTM	8,3%
140 MM- 10 aTM	8,4%
160 MM- 10 aTM	8,5%
200 MM- 10 aTM	8,5%
225 MM- 10 aTM	8,5%
250 MM- 10 aTM	8,4%
280 MM- 10 aTM	8,4%
315 MM- 10 aTM	8,5%

### Elastic and Leakproof Connection

Pipes can be connected without using any coupler because of its spigot ends; with its elastic structure and special design sealing ring no leakage occurs.

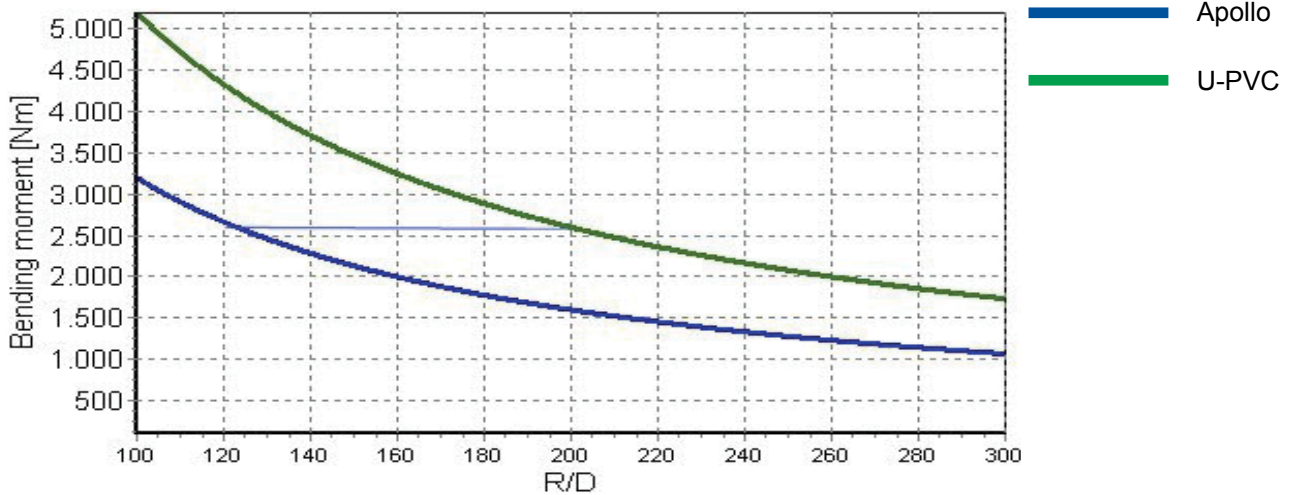
**Figure 2:** APOLLO Pipes Flexibility Test



### Time saving and Less Fittings used

We do not need an elbow up to 11 turnings. Furthermore, we need less energy to stretch APOLLO pipes compared to PE 100 and U-PVC alternatives. APOLLO pipes can be used with regular U-PVC Pushfit plastic and cast iron fittings.

**Table 3: Torque of Apollo and U-PVC Pipes**



### Lower Labour Cost

More pipe installation can be made at the shorter time, it is not necessary to go into the trench for installation at narrow excavations.

### No Lose Due to Cracks

Cracks during transportation does not occur at APOLLO pipes. Furthermore, APOLLO pipes are extreme durable against to crazes compared to its alternatives.

### Lower Installation and Transportation Cost

Wavin APOLLO systems provide saving with ease of transportation, narrower tranches and unbreakable structure.



### International Reliability

Wavin APOLLO pipes have been used in many countries with trust, such as: Canada, Colombia, Ecuador, Turkey. The systems hold TS ISO 16422 certificate.



# APOLLO

## Pipe Installation



Clean the pipe and spigot parts with high care, before connecting the pipes to each other.



Push the pipe till the end of the mark of the pipe and use lubricant before the process.



Connecting of the pipes can be done near the hood. The pipes are needed to be moved down with the help of an equipment in bearing line.



After putting the pipe into the trench by high care, sand or other filling material suitable with standards can be used.



# APOLLO

Pressured Clean Water Systems

## The products of infrastructure of the future.

Apollo Pipe and Fittings, Pressured drinking water Systems, Sewage pipe lines and agricultural watering systems are the pipe systems developed in the end researches lasting long years by Wavin.

Apollo Pipes and Fittings have the elasticity of PE 100 pipes as well as all technical specifications carried by U-PVC pipes.

Apollo pipes which can be used in difficult conditions with their crack resistance and durability are the candidates to be the products of infrastructure of the future.





# Ürün portföyümüzü keşfedin

Su Yönetimi  
Isıtma ve Soğutma

Su ve Gaz Dağıtım  
Atık Su Drenajı



Wavin, dünyanın bazı önemli sorunlarıyla mücadele eden şirketler topluluğu Orbia'nın bir parçasıdır. Ortak bir amaç ile birbirimize bağlıyız: "To Advance Life Around the World"



**Wavin TR Plastik Sanayi A.Ş.** | Güzelevler Mah.Girne Bulvarı No: 294/A Yüreğir / Adana  
Web [www.wavin.com.tr](http://www.wavin.com.tr) | E-mail [wavin.tr.info@wavin.com](mailto:wavin.tr.info@wavin.com)

Wavin, sürekli ürün iyileştirme programı ile hareket eder; bu nedenle ürün teknik özelliklerinde haber vermeden düzeltme ya da değişiklik yapma hakkına sahiptir. Bu dokümandaki bilgiler yararlı kullanım amacıyla ve baskıda doğru bilgilerin yer alacağı düşüncesiyle hazırlanmıştır. Fakat herhangi bir hata, eksiklik ya da yanlış varsayımlardan kaynaklı bir mesuliyet kabul edilmez.

© 2019 Wavin haber vermeksizin her türlü değişiklik için hakkını saklı tutar. Sürekli ürün geliştirme çerçevesinde teknik bilgilerde değişimler olabilir. Uygulama, montaj talimatlarına uygun olarak yapılmalıdır.