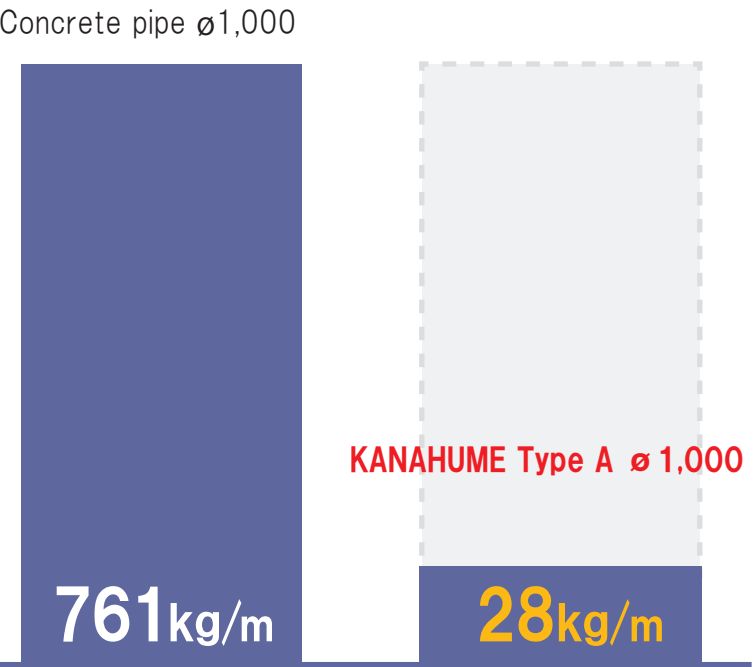


Weight reduction

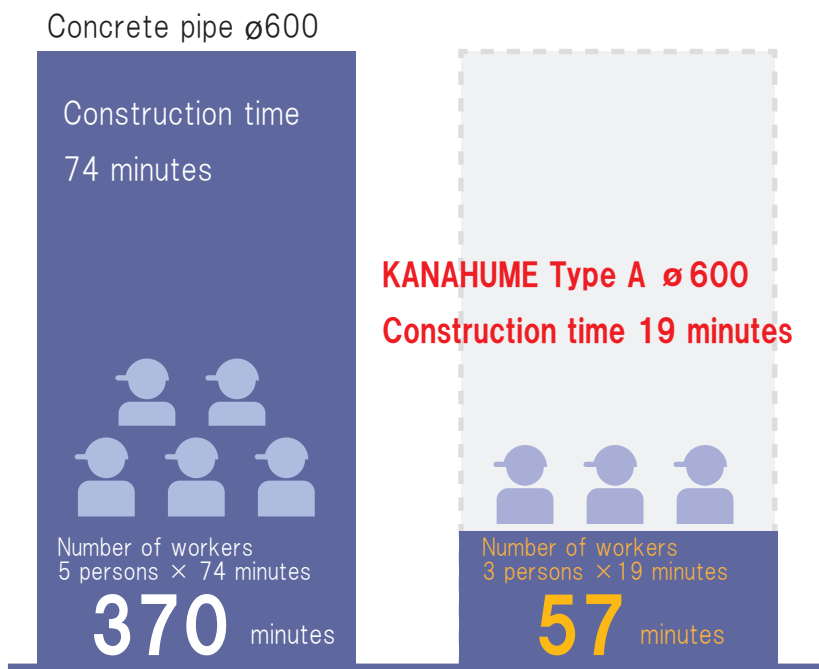
Amazing weight reduction in “KANAHUME Type A” compared to the existing concrete pipes.
The transport cost can also be reduced.



1/27
WEIGHT

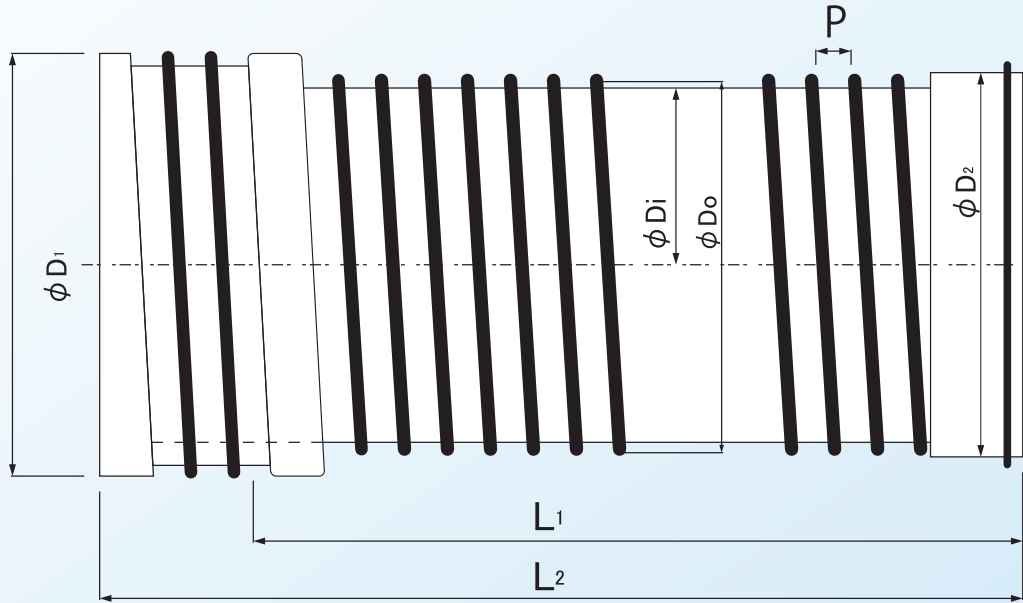
Construction speed

Construction time and labor cost can be reduced when comparing 20-meter pipeline construction.



Reduced up to about

1/7



Specifications for KANAHUME Type A with quake-proof one touch coupling

Size	Size	Main pipe		One touch coupling		Total length	
	Do(mm)	Di(mm)	P(mm)	D1(mm)	D2(mm)	L1(mm)	L2(mm)
φ 300	333	300	60	403	352	5000	5145
φ 400	434	400	60	503	452	5000	5145
φ 500	537	500	65	606	555	5000	5145
φ 600	659	600	100	726	666	5000	5155
φ 700	759	700	100	857	780	5000	5230
φ 800	877	800	110	947	886	5000	5165
φ 900	977	900	110	1078	1001	5000	5290
φ 1000	1095	1000	110	1164	1102	5000	5200
φ 1100	1200	1100	160	1345	1236	5000	5245
φ 1200	1320	1220	160	1465	1356	5000	5245
φ 1350	1493	1372	175	1632	1522	5000	5275
φ 1500	1656	1524	195	1801	1690	5000	5305

■L1 will be an effective length.

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<http://www.kanaflex.co.jp/>

Kanaflex

K A N A H U M E
TYPE A

Metal-resin composite pipe for civil engineering

Size: ø 300 – 1,500 mm

K A N A H U M E TYPE A

With quake-proof one touch coupling

Registered in New Technology
Information System (NETIS)

New standard in the
industry.
Ultimate economy and
durability.

Construction speed has been accelerated by reducing the pipe weight and using a quake-proof one touch coupling, which achieves cost reduction and strength having “seismic resistance”, “pressure capacity”, “watertightness”, and “corrosion resistance”. This is a new standard pipe for the next-generation lifeline developed by Kanaflex.

Metal-resin composite pipe for civil engineering

Size: ϕ 300 – 1,500 mm

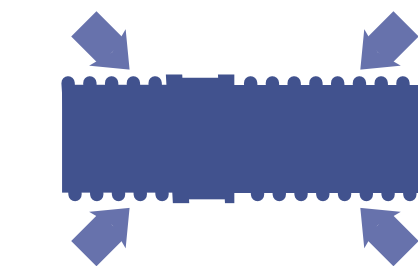
KANAHUME TYPE A

With quake-proof one touch coupling

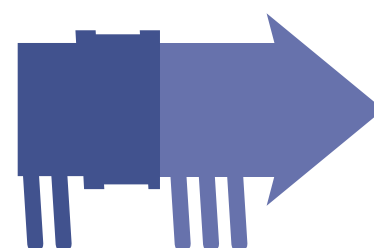
Registered in New Technology
Information System (NETIS)

Seismic resistance

Sudden repeated displacement due to an earthquake is absorbed by the flexibility of the pipe itself and connection by means of receiving and insertion. Will not be destroyed and buckled even by seismic movement level 2.



Will not be destroyed and buckled even by seismic movement level 2.



Can achieve 0.1 MPa internal water pressure even in the event of pullout of 1.5% against the pipe length from the quake-proof coupling section.



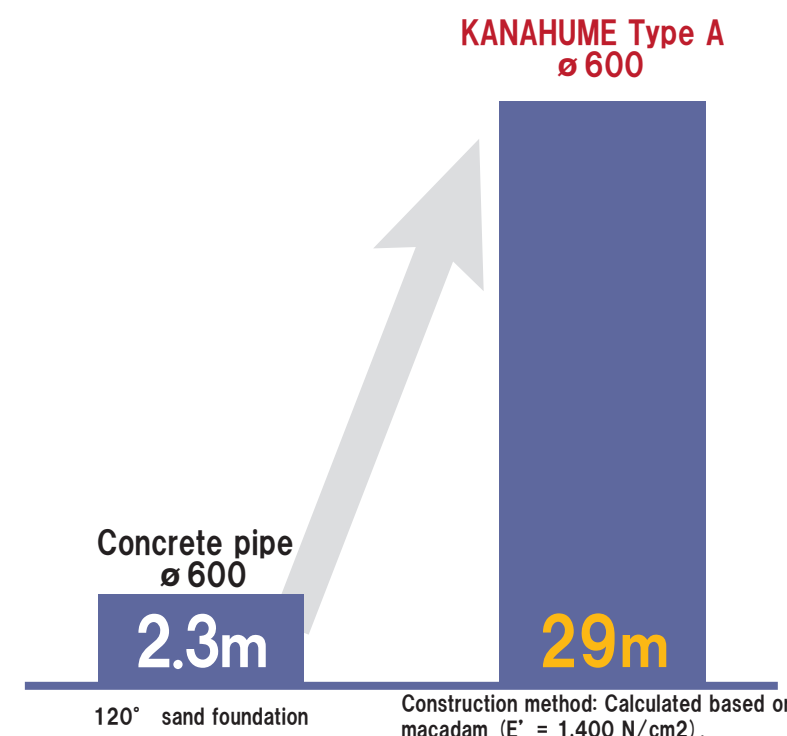
Can achieve 0.1 MPa internal water pressure even with a bending angle of 1°.

Seismic movement level 2 supported.

Seismic movement level 2 ... Seismic movement assuming an inland earthquake of the same magnitude as the Hanshin-Awaji Earthquake

Pressure capacity

High fill construction can be achieved by our unique “metal-resin composite technology” and “new rib structure”.



Earth covering is supported up to
29 m!

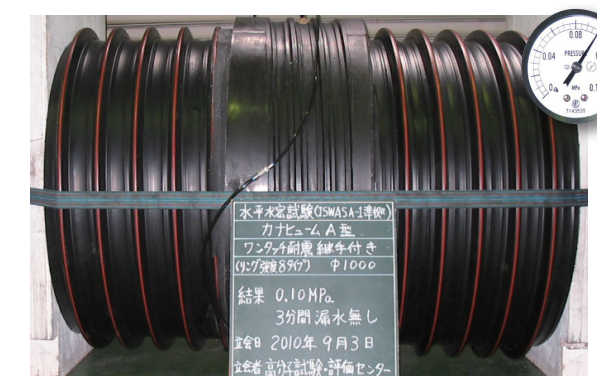
*In the case of earth covering under the condition on the left.

Watertightness and corrosion resistance

Not only prevents water leakage and invasion but also provides corrosion resistance.

Achieves an
internal
water pressure
of 0.1 MPa.

Prevents water leakage from the coupling section as well as pipe itself.



Acid rain	○
Hydrogen sulfide	○
Industrial wastewater	○
Hot spring water	○

Refer to the catalog for details of the chemical resistance.

Construction results

We have lots of construction results in association with the Ministry of Land, Infrastructure, Transport and Tourism.

Registered in New Technology
Information System (NETIS)



Construction work for the lower part of the right bank of the Furukawa Bridge, Route 42 High-way – Chubu Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
Outside reconstruction work for Higashi-Kyushu Expressway (Kanoya – Soo) junction area – Osumi Office of River and Road, Ministry of Land, Infrastructure, Transport and Tourism
Metropolitan Inter-City Expressway Yamaguchi Tunnel – Kanto Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism
Toga Dam construction work – Toga Dam Construction Office, Ministry of Land, Infrastructure, Transport and Tourism
Kashiwara Strip Road establishment work, Ministry of Land, Infrastructure, Transport and Tourism
Kitaokawara Tunnel Construction – Minami Yamashiro Civil Engineering Office
Improvement work for Kumamoto Route 57 Seta Area – Kumamoto Office of River and Road, Ministry of Land, Infrastructure, Transport and Tourism, etc.

More than
100
construction
works