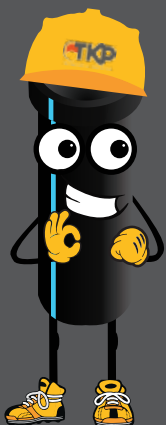


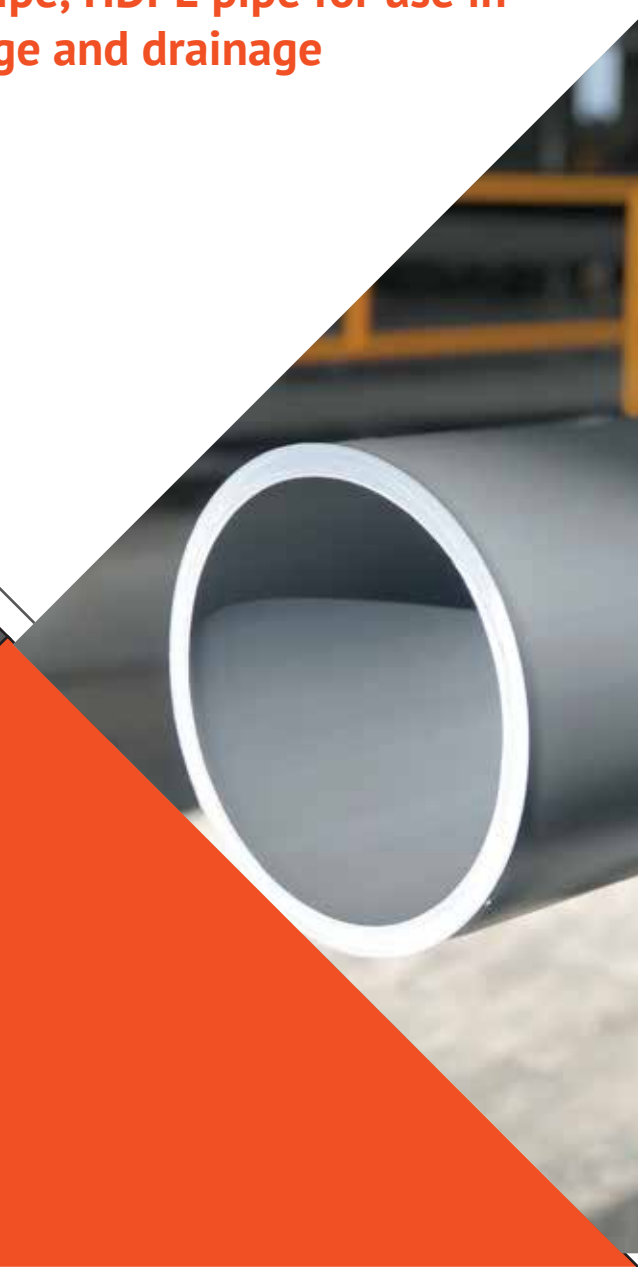


TKP-GS

Gray Sewage Pipe, HDPE pipe for use in
sewage and drainage



WELCOME!



TKP-GS

SCOPE



TKP – GS: High Density Polyethylene pipe, high molecular weight, PE4710 gray, for use in sewage and drainage.

The TKP-GS, HDPE pipeline includes pipes and fittings in diameters from 4" to 24" IPS and in DR's 17 and 19. Gray color permits the use of TV inspection of the inside of the pipe, without light glare. Other sizes and DRs also available.

RAW MATERIAL:

The raw material that TKP-GS uses is PE-4710 for use in conducting wastewater, drainage and sewer, and is selected applying the highest international quality standards, complying with ASTM D-3350 with a Cell Rating: PE445574A ,color gray, including UV protection, with a recommended time for sun exposure of 3 years maximum. Resin is enlisted in the PPI's TR 4 .

ADVANTAGES

- Color gray for TV internal inspection.
- Excelent Flow Factor and Impact Resistance.
- Excellent chemical reistance, including H2S.
- Hermetic heat fusión joints, no-risk to environmental damage.
- Flexibility good for use in slip lining and trenchless installation.



	4	4	5	5	7	4	A
DENSITY, 0.950 g/cc (Gray)	—	—	—	—	—	—	—
MELT FLOW INDEX: 0.08g/10min.	—	—	—	—	—	—	—
FLEXURAL MODULUS psi ASTM D790: > 120,000	—	—	—	—	—	—	—
TENSILE STRENGHT > 3500 psi	—	—	—	—	—	—	—
Slow Crack Growth Resistance ASTM F1473; PENT > 500 hours	—	—	—	—	—	—	—
Hydrostatic Strength Classification HDB at 23°C, 1600 psi, 1000 psi aT 60°C	—	—	—	—	—	—	—
UV Stabilizer & Color.	—	—	—	—	—	—	—

Note: The values mentioned herein should not be considered as specifications

DIMENSIONS

IPS	EXTERNAL DIAMETER	WALL THICKNESS	INTERNAL DIAM. AVG.	WEIGHT lb/ft	WALL THICKNESS	INTERNAL DIAM. AVG.	WEIGHT lb/ft
Size	(inch)	DR 17, Pressure Rating: 125 psi			DR 19, Pressure Rating: 111 psi		
4"	4.5	0.265	3.939	1.55	0.237	3.998	1.39
6"	6.625	0.39	5.799	3.36	0.349	5.886	3.02
8"	8.625	0.507	7.549	5.69	0.454	7.663	5.12
10"	10.75	0.632	9.409	8.83	0.566	9.551	7.96
12"	12.75	0.75	11.16	12.43	0.671	11.237	11.2
14"	14	0.824	12.254	14.98	0.737	12.438	13.5
16"	16	0.941	14.005	19.57	0.842	14.215	17.63
18"	18	1.059	15.755	24.77	0.947	15.992	22.32
20"	20	1.176	17.506	30.58	1.053	17.768	27.55
22"	22	1.294	19.256	37	1.158	19.545	33.34
24"	24	1.412	21.007	44.03	1.263	21.322	39.67

All dimensions in inches, average internal diameter is derived of the external diameter - two times minimum thickness plus 6%, and may slightly vary. Pressure Ratings @ 80°F or less.

*For more information about more diameters or DRs available, please contact our sales representatives.



OTHER CHARACTERISTICS

ECCENTRICITY: 12% maximum

TOE IN: < 1.5%

ELONGATION AT BRAKE > 400%

Available also in gray color with green stripes for wastewater applications.

TYPES OF JOINTS

TKP offers to the sewer, drainage and general fluid conduction market its PE-4710 pipe including a complete range of fittings to be connected to the pipe either by butt fusion, electrofusion or by flange adaptors and Iron Rings. The range of fittings includes elbows, tees, flanges, branch saddles, wyes, reductions and couplings, among others.

For more information about TKP-GS and our line of fittings:TKP-FIT, please contact our sales representatives.

TKP –GS FOR SEWAGE & DRAINAGE COMPLIES WITH THE FOLLOWINGS STANDARDS:

◆ **MEXICAN:**
MMX-E-18-CNCP

◆ **INTERNATIONAL:**
ASTM F714



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we are here to help you.

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