

Sanflo PE manholes are light weight and durable. They are leak-proof and do not permit any ex-filtration or in-filtration. The manholes show high resistance to heat and chemicals. The manholes allow smooth flow of media and resist bacterial growth. They are modular and have monolithic construction.

Key Features:-

- Excellent dissipation of load and back pressure away from manhole.
- Made from 100% virgin material.
- Monolithic construction
- Strong & Durable Plastic Steps
- Sturdy Design
- Quick construction
- Compliance with requirements of EN13598.

Standards:

EN 13598 -1: 2003
 EN 13598-2: 2009
 EN 476



Applications:-

- Infrastructure applications

Standard Sizing:

DN400mm Gully
 DN 400m Chamber
 DN 500mm to DN 1200mm Chambers

Typical Properties

Properties	Std.	Unit	PE63	PE80	PE100
Specific gravity (ρ)	ISO 1183	g/cm ³	>0.94	>0.94	>0.94
Water saturation	ISO 15512	%	0.01	0.01	0.01
Max. permissible service temperature		°C	45	45	45
Lower permissible service temperature		°C	-65	-65	-65
Tensile strength at yield	ISO 527	Mpa	>19	>21	>23
Tensile strength at break	ISO 527	Mpa	>21	>23	>25
Elongation at yield	ISO 527	%	>8	>8	>8
Elongation at break	ISO 527	%	>600	>600	> 600
Notch impact strength	ISO 179	KJ/m2			26
Impact strength	ISO 179	KJ/m2	NB	NB	NB
Modulus of elasticity	ISO 899	Mpa	>600	>700	>850
Shore hardness	ISO 868	Shore -D	>61	>61	>61
Flexural strength	ISO 178	Mpa	22	22	22
Vicat Softening Temperature	ISO 306	°C	>70	>70	>70

N.B. : Technical data refers to average values. The information provided above is based on the values measured in our laboratory as well as independent laboratories. The quoted values are based on specific resin properties and are subject to change without prior notice.

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