

Half a century of tranquility



NEWFLEX | Polypropylene sewage push-fit pipes and fittings

Novin Ettesal Pardis Gostaresh Company, one of the subsidiaries of **SCP** has been established in 2007 to produce polypropylene sewage push-fit pipes and fittings. Under the NewFlex brand, the company produces its products in the sizes of 50 to 160 mm in B, BD and silent types.

■ Technical specifications

Color		Mid-gray RAL 7037
Density	g/cm ³	0.91
Tensile strength at 20 c°	N/mm ²	30
Yield stress	N/mm ²	21
Flexibility factor	N/mm ²	1200
Elongation	%	800
Bending stress	N/mm ²	20
Elasticity	N/mm ²	350
Impact strength	kJ/m ²	25
Thermal conductivity	W/m ² K	0.23
Linear expansion coefficient	m/mK	0.00015
Roughness index	mm	0.007
PH rate		2-12

■ Advantages

- High impact resistance, even at temperatures below 0 °c.
- High thermal resistance to hot outlet water of dishwashers and washing machines.
- Easy installation (no adhesive or welding).
- Smooth inner surfaces of the pipes and the fittings.
- No sediment due to roughness index less than 0.007 mm.
- Quick installation without using any complex equipment.
- Resistance to various types of chemicals (acids, bases, ...), detergents, stain removers, and etc.
- Fire resistance in likely combustions.
- Wide variety of fittings for easy installation and disassembling.
- Resistance to microorganisms and rodents.
- Lightweight and easy to carry.
- Long life.
- Quake and subsidence resistance.

■ Usages

- Sewage disposal systems of residential buildings, offices, complexes, hotels and hospitals.
- Condensate water drainage of air conditioning systems.
- Urban sewage pipes.
- Rain water collection systems.

Single Socket Pipe (B)



Code	Size (mm)	Length(mm)	Pieces
11200	50	150	15
11210	50	250	70
11220	50	500	40
11240	50	1000	15
11260	50	2000	15
11280	50	3000	15
11300	63	150	60
11310	63	250	40
11320	63	500	25
11340	63	1000	12
11360	63	2000	12
11380	63	3000	12
11400	75	150	40
11410	75	250	30
11420	75	500	15
11440	75	1000	9
11460	75	2000	9
11480	75	3000	9
11500	90	150	30
11510	90	250	24
11520	90	500	12
11540	90	1000	6
11560	90	2000	6
11580	90	3000	6
11600	110	150	20
11610	110	250	15
11620	110	500	8
11640	110	1000	6
11660	110	2000	6
11680	110	3000	6
11691	110	5000	1
11710	125	250	10
11720	125	500	5
11740	125	1000	4
11760	125	2000	4
11780	125	3000	4
11810	160	250	6
11820	160	500	4
11840	160	1000	4
11860	160	2000	4
11880	160	3000	4

BD: To be used in buildings and/or under-floor, with yellow cap

Single Socket Pipe (BD)

Code	Size (mm)	Length(mm)	Pieces
10200	50	150	15
10210	50	250	70
10220	50	500	40
10240	50	1000	15
10260	50	2000	15
10280	50	3000	15
10300	63	150	60
10310	63	250	40
10320	63	500	25
10340	63	1000	12
10360	63	2000	12
10380	63	3000	12
10400	75	150	40
10410	75	250	30
10420	75	500	15
10440	75	1000	9
10460	75	2000	9
10480	75	3000	9
10500	90	150	30
10510	90	250	24
10520	90	500	12
10540	90	1000	6
10560	90	2000	6
10580	90	3000	6
10600	110	150	20
10610	110	250	15
10620	110	500	8
10640	110	1000	6
10660	110	2000	6
10680	110	3000	6
10691	110	5000	1
10710	125	250	10
10720	125	500	5
10740	125	1000	4
10760	125	2000	4
10780	125	3000	4
10810	160	250	6
10820	160	500	4
10840	160	1000	4
10860	160	2000	4
10880	160	3000	4



B: To be used in buildings,
with black cap

Double Socket Pipe (B)



Code	Size (mm)	Length(mm)	Pieces
13220	50	500	35
13240	50	1000	15
13260	50	2000	15
13280	50	3000	15
13320	63	500	24
13340	63	1000	12
13360	63	2000	12
13380	63	3000	12
13420	75	500	15
13440	75	1000	9
13460	75	2000	9
13480	75	3000	9
13520	90	500	10
13540	90	1000	6
13560	90	2000	6
13580	90	3000	6
13620	110	500	8
13640	110	1000	6
13660	110	2000	6
13680	110	3000	6
13691	110	5000	1
13720	125	500	5
13740	125	1000	4
13760	125	2000	4
13780	125	3000	4
13820	160	500	3
13840	160	1000	4
13860	160	2000	4
13880	160	3000	4

BD: To be used in buildings and/or under-floor, With yellow Cap

Double Socket Pipe (BD)

Code	Size (mm)	Length(mm)	Pieces
12220	50	500	35
12240	50	1000	15
12260	50	2000	15
12280	50	3000	15
12320	63	500	24
12340	63	1000	12
12360	63	2000	12
12380	63	3000	12
12420	75	500	15
12440	75	1000	9
12460	75	2000	9
12480	75	3000	9
12520	90	500	10
12540	90	1000	6
12560	90	2000	6
12580	90	3000	6
12620	110	500	8
12640	110	1000	6
12660	110	2000	6
12680	110	3000	6
12691	110	5000	1
12720	125	500	5
12740	125	1000	4
12760	125	2000	4
12780	125	3000	4
12820	160	500	3
12840	160	1000	4
12860	160	2000	4
12880	160	3000	4



B: To be used in buildings, with black cap



Silent 87° Elbow

Code	Size (mm)	Pcs/Box
30287	50	130
30387	63	80
30487	75	50
30587	90	20
30687	110	20
30787	125	14
30887	160	5



Vent 45° Elbow

Code	Size (mm)	Pcs/Box
33345	50/63/63	45
33645	50/110/110	15



Vent 87° Elbow

Code	Size (mm)	Pcs/Box
33387	50/63/63	10
33687	50/110/110	15



Sink Elbow

Code	Size (mm)	Pcs/Box
35220	50/50	25



Sewer Rubber Gasket

Code	Size (mm)	Pcs/Box
36200	30/50	20



67° Cross

Code	Size (mm)	Pcs/Box
51666	110/110/110	8

DO NOT shorten the fittings!

Socket

Code	Size (mm)	Pcs/Box
20200	50	28
20300	63	20
20400	75	70
20500	90	50
20600	110	30
20700	125	20
20800	160	12



Reducer

Code	Size (mm)	Pcs/Box
26320	50/63	20
26420	50/75	30
26430	63/75	19
26530	63/90	15
26620	50/110	60
26630	63/110	10
26640	75/110	9
26650	90/110	45
26760	110/125	24
26860	110/160	20
26870	125/160	20



45° Elbow

Code	Size (mm)	Pcs/Box
30245	50	150
30345	63	90
30445	75	60
30545	90	40
30645	110	25
30745	125	15
30845	160	8



DO NOT shorten the fittings!



87° Tee

Code	Size (mm)	Pcs/Box
40220	50/50	70
40320	50/63	50
40330	63/63	40
40420	50/75	40
40430	63/75	35
40440	75/75	30
40530	63/90	25
40550	90/90	20
40620	50/110	20
40630	63/110	20
40650	90/110	15
40660	110/110	14
40760	110/125	8
40770	125/125	8
40860	110/160	5
40870	125/160	4
40880	160/160	4



End-Cap

Code	Size (mm)	Pcs/Box
60200	50	120
60300	63	75
60400	75	50
60500	90	30
60600	110	20
60700	125	15
60800	160	6

DO NOT shorten the fittings!

Access Cap

Code	Size (mm)	Pcs/Box
65400	75	6
65500	90	4
65600	110	16
65700	125	10
65800	160	8



Access End-Cap

Code	Size (mm)	Pcs/Box
66400	75	15
66600	110	7



45° Tee

Code	Size (mm)	Pcs/Box
42220	50/50	60
42320	50/63	40
42330	63/63	35
42420	50/75	35
42440	75/75	25
42530	63/90	25
42550	90/90	15
42620	50/110	20
42630	63/110	15
42640	75/110	15
42650	90/110	10
42660	110/110	10
42760	110/125	6
42770	125/125	6
42860	110/160	5
42870	125/160	4
42880	160/160	3



DO NOT shorten the fittings!



PE Siphon with Cap

Code	Size (mm)	Pipe Size (mm)	Pipe Length (mm)	Pcs/Box
78301	63	75	600	5
78321	63	75	200	14
78341	63	75	750	5
78361	63	75	900	5
78401	75	75	600	5
78421	75	75	200	10
78441	75	75	750	5
78461	75	75	900	5
78601	110	125	600	5
78621	110	125	200	3
78641	110	125	750	5
78661	110	125	900	5



Siphon with Socket Pipe

Code	Pcs/Box	Length (mm)	Pcs/Box
79600	110	250	3
79620	110	350	3
79660	110	600	5



Sewage Siphon

Code	Size (mm)	Pcs/Box
79680	110	10
79780	125	8
79880	160	4

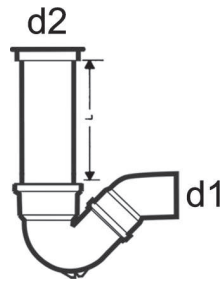


Threaded Sewer Branch Connector (4 Pieces)

Code	Size (mm)	Pcs/Box
51600	110	12
51700	125	10
51800	160	5

Siphon with Cap

Code	d1	d2	Length (mm)	Pcs/Box
78000	50	75	600	5
78020	50	75	200	15
78040	50	75	750	5
78060	50	75	900	5
78200	50	63	600	5
78220	50	63	200	25
78240	50	63	750	5
78260	50	63	900	5
78300	63	75	600	5
78320	63	75	200	14
78340	63	75	750	5
78360	63	75	900	5
78400	75	75	600	5
78420	75	75	200	10
78440	75	75	750	5
78460	75	75	900	5
78500	90	90	600	5
78520	90	90	200	10
78540	90	90	750	5
78560	90	90	900	5
78600	110	125	600	5
78620	110	125	200	5
78640	110	125	750	5
78660	110	125	900	5





Rubber Cap

Code	Size (mm)	Pcs/Box
63600	110	20
63700	125	15
63800	160	6



Round Sewer Access Cap

Code	Pcs/Box
67000	15



Push- Fit Lubricant

Code	Weight
80240	200gr