

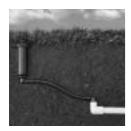
Super Funny Pipe Pipe Fittings and Flex-Assemblies

CONTROLLERS

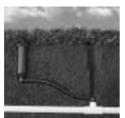
This unique piping acts like an extension cord, allowing you to put sprinklers exactly where you want them. Even deep-seated high-pops are easy to install in difficult, hard-totrench locations.



Super Funny Pipe Fittings



One of the most useful and time-saving sprinkler installation aids is Toro Super Funny Pipe. Whether you are installing a new system or replacing an old sprinkler, Super Funny Pipe can make your job faster and easier.



Super Funny Pipe is a highstrength poly tubing that solves tough sprinkler installation and replace-ment problems. Simply put, it acts as a flexible extension cord between the water line and the sprinkler, allowing you to position sprinklers easily where you need them-even in hard-to-reach areas

Super Funny Pipe Friction Loss – Metric						
LPM Flow						
5	10	15	20	25		
0,30	1,02	2,00	3,77	5,58		

Note: This chart indicates the amount of pressure loss (in kPa) per meter of Super Funny Pipe installed at stated flow rates (LPM).

Super Funny Pipe Friction Loss – English							
GPM Flow							
1	2	3	4	5	6	7	
0.01	0.02	0.06	0.09	0.15	0.21	0.27	

Note: This chart indicates the amount of pressure loss (PSI) per foot of

Super Funny Pipe installed at stated flow rates (GPM)



Super Funny Pipe

Features

- Provides easy installation for problem areas
- Cushions sprinklers from external impact
- Connects to sprinklers and Toro fittings
- Flexible, thick-walled polyethylene pipe
- 30.5m (100') coils available in stretch wrap

Specifications

- Wall thickness: 2.5mm (.10") ± .01 • Inside diameter: 12.4mm (.49") ± .01
- Outside diameter: approximately 18mm (.70")

Super Funny Pipe

- 850-23 6m (20') length working pressure: 8.2 Bar (120 PSI)
- 850-24 15.2m (50') coil working pressure: 8.2 Bar (120 PSI) (36Kq)
- 850-25 30.5m (100') coil working pressure: 8.2 Bar (120 PSI) (68Kg) (more flexible)

Fittings

To be used only with Toro Super Funny Pipe

- 850-20 Coupling
- 850-31 13mm (¹/₂") Male Elbow
- 850-32 20mm (³/₄") Male Elbow
- 850-33 20-13mm (³/₄"-¹/₂") Female Adapter
- 850-34 13mm (¹/₂") Female Elbow
- 850-35 13mm (1/2") Male Adapter
- 850-36 20mm (³/₄") Male Insert ³/₄" x ³/₈"
- 850-37 Tee Barbed inserts require no clamps.

Super Funny Pipe Fittings Friction Loss Chart – Metric							
	LPM Flow						
Model No.	Description	5	10	15	20	25	
850-31	13mm Male Elbow	1,87	6,43	13,8	28,7	46,9	
850-32	20mm Male Elbow	2,23	7,42	17,8	37,1	61,4	
850-34	13mm Female Elbow	1,87	6,43	13,8	28,7	46,9	
850-35	13mm Male Adapter	0,89	3,08	6,89	16,1	28,2	
850-36	20mm Male Adapter	1,35	4,13	9,55	21,8	37,7	

Note: This chart indicates the amount of pressure loss (in kPa) per meter of Super Funny Pipe at stated flow rates (LPM).

Super Funny Pipe Fittings Friction Loss Chart – English							
GPM Flow							
Model No. Description	1	2	3	4	5	6	7
850-31 ½" Male Elbow	0.05	0.15	0.36	0.62	1.13	1.62	2.37
850-32 ¾" Male Elbow	0.06	0.18	0.41	0.80	1.42	2.20	3.05
850-34 ½" Female Elbow	0.05	0.15	0.36	0.62	1.13	1.62	2.37
850-35 ½" Male Adapter	0.03	0.06	0.18	0.31	0.60	1.00	1.41
850-36 ¾" Male Adapter	0.04	0.10	0.23	0.43	0.80	1.37	1.86

Note: This chart indicates the amount of pressure loss (PSI) per foot of Super Funny Pipe at stated flow rates (GPM).

Super Funny Pipe Flex Assemblies

Make installation easier with Toro's new flex assemblies. 13mm (½") and 20mm (¾") fittings conveniently pre-assembled onto 200mm (8") and 300mm (12") lengths of Toro Super Funny Pipe.

Features

- Flexible yet durable segments of Toro Super Funny Pipe with factory pre-installed fittings
- Allows sprinkler heads to be moved or adjusted to grade easily
- · Perfect for hard to trench areas
- Prevents damage to sprays, rotors or pipes, especially when run over by vehicles or equipment
- Available in 20 cm or 30 cm (8" or 12") lengths with 13mm or 20mm (½" or ¾") fittings
- Packaged in a re-sealable bag for convenience on the job site

Specifications

- Wall thickness: 2.5mm (.10") ± .01
- Inside diameter: 12.4mm (.49") ± .01
- Outside diameter: approximately 18mm (.70")
- Recommended operating pressure: 1.7 5.2 Bar (25 75 PSI)
- Maximum operating pressure: 5.9 Bar (85 PSI)
- · Models:
 - SPFA-585: 20 cm (8") length with 13mm x 13mm ($\frac{1}{2}$ " x $\frac{1}{2}$ ") fittings
 - SPFA-5875: 20 cm (8") length with 13mm x 20mm ($\frac{1}{2}$ " x $\frac{3}{4}$ ") fittings
 - SPFA-5125: 30 cm (12") length with 13mm x 13mm (1/2" x 1/2") fittings
 - SPFA-51275: 30 cm (12") length with 13mm x 20mm (½" x ¾") fittings



Flex Assemblies



For Example:

When specifying a Super Funny Pipe Flex Assembly that is 30 cm (12") in length and has a 13mm ($\frac{1}{2}$ ") inlet fitting and a 20 mm ($\frac{3}{4}$ ") outlet fitting, you would specify:

SPFA-51275



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