

# Super Funny Pipe Pipe Fittings and Flex-Assemblies

## CONTROLLERS

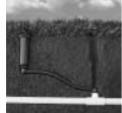
This unique piping acts like an extension cord, allowing you to put sprinklers exactly where you want them. Even deep-seated high-pops are easy to install in difficult, hard-totrench locations.



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 replacement 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) (36Kg)
- 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 (<sup>3</sup>/<sub>4</sub>") Male Insert <sup>3</sup>/<sub>4</sub>" x <sup>3</sup>/<sub>8</sub>"
- 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).						

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Super Funny Pipe Fittings Friction Loss Chart – English							
	GPM Flow						
Model No. Description	1	2	3	4	5	6	7
850-31 1/2" 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 1/2" Female Elbow	0.05	0.15	0.36	0.62	1.13	1.62	2.37
850-35 1/2" 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)

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 (<sup>1</sup>/<sub>2</sub>" or <sup>3</sup>/<sub>4</sub>") 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 (1/2" x 1/2") fittings
  - SPFA-5875: 20 cm (8") length with 13mm x 20mm (1/2" x 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 (<sup>1</sup>/<sub>2</sub>" x <sup>3</sup>/<sub>4</sub>") fittings



Flex Assemblies

Specifying Information						
SPFA 5X X X X						
Description Inlet Fitting Length Outlet Fitting						
SPFA—Super Funny Pipe Flex Assembly		5—13mm (½″)	8—20cm (8") 12—30cm (12")	5—13mm (½") fitting 75—20mm (¾") fitting		
For Example: When specifying a Super Funny Pipe Flex Assembly that is 30 cm (12") in length and has a 13mm (½") inlet fitting and a 20 mm (¾") outlet fitting, you would specify: SPFA-51275						



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