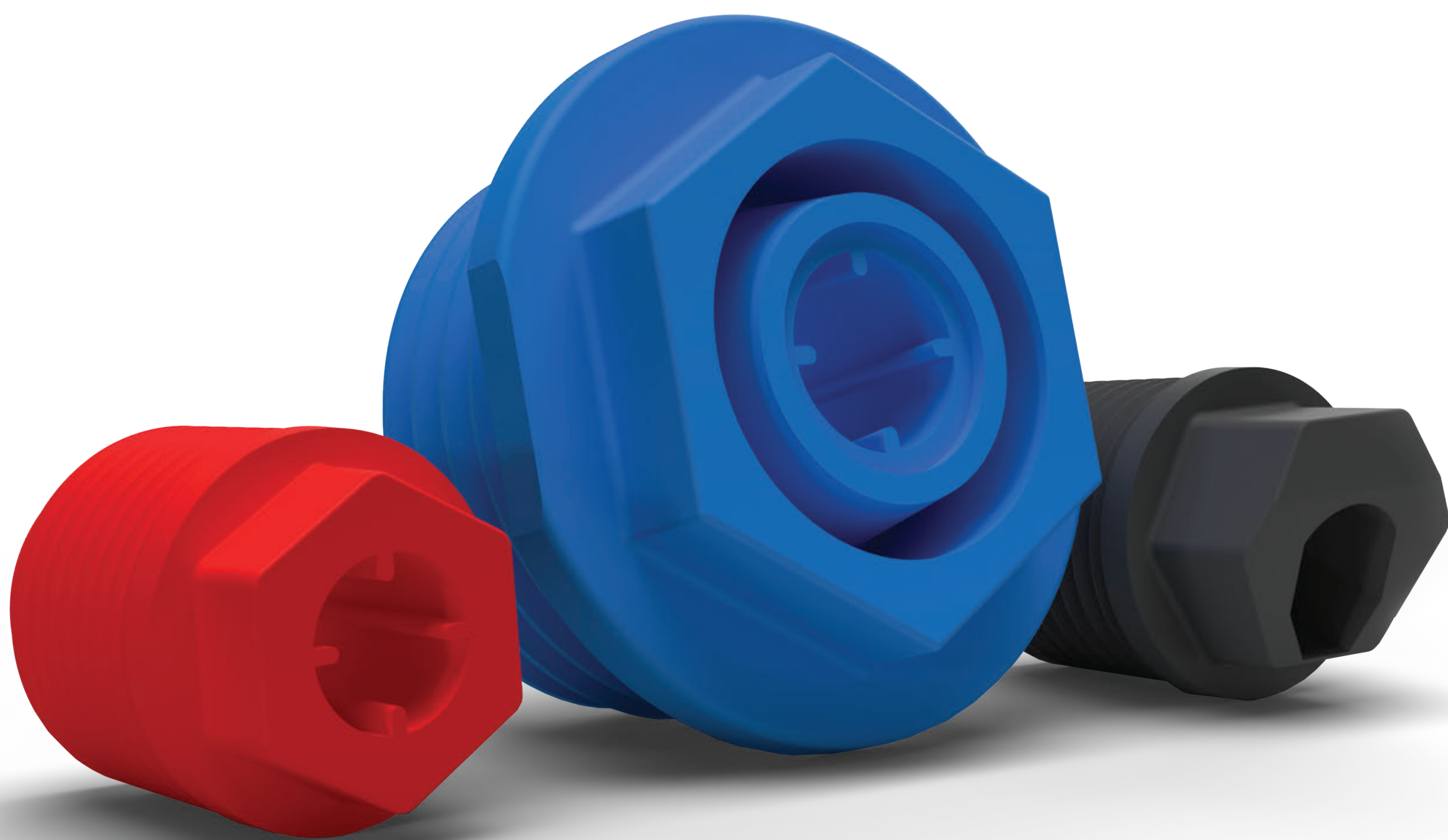


**TORO®**

**PERFORMANCE SERIES**

# **NOZZLES**

**FOR INFINITY® & FLEX800™ SPRINKLERS**

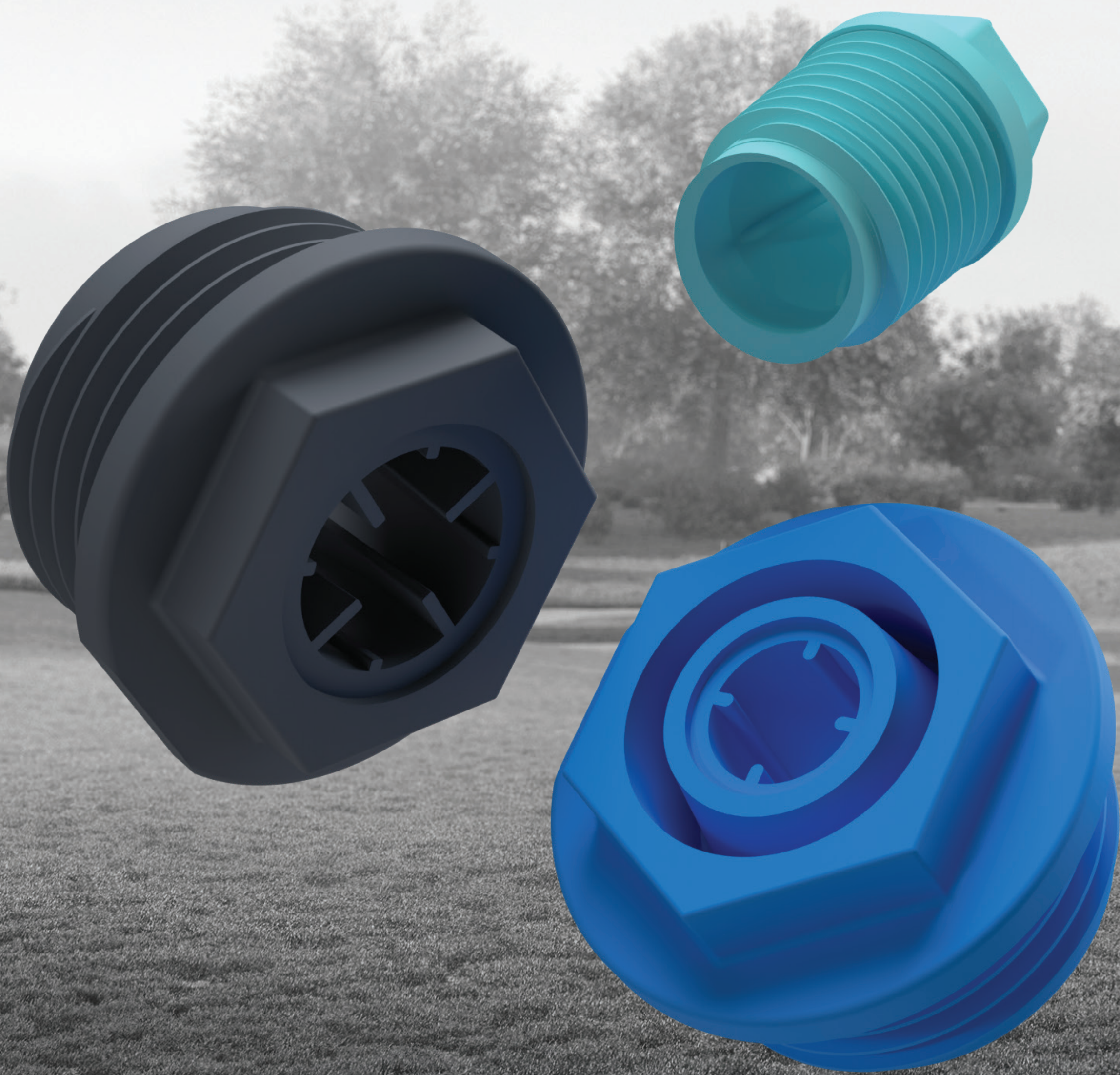


[toro.com/golf](http://toro.com/golf)

# ***THE BEST*** ***JUST GOT BETTER.***

**Toro's Performance Series Nozzles are the next evolution of precise water delivery.** Starting with industry leading distribution uniformity, adding unparalleled versatility, the end result is the ultimate in golf course irrigation efficiency.

The Performance Series for INFINITY<sup>®</sup> and FLEX800<sup>™</sup> Sprinklers take precision irrigation to an all new level.





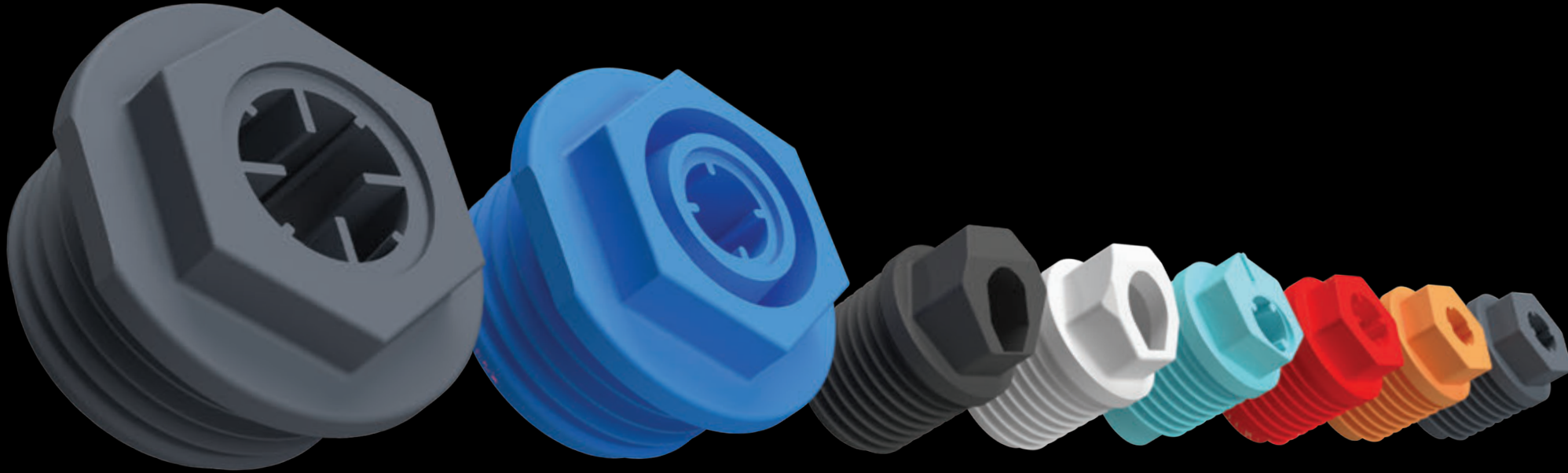
**PERFORMANCE SERIES**

# **NOZZLES**

**Inlet**



**Outlet**

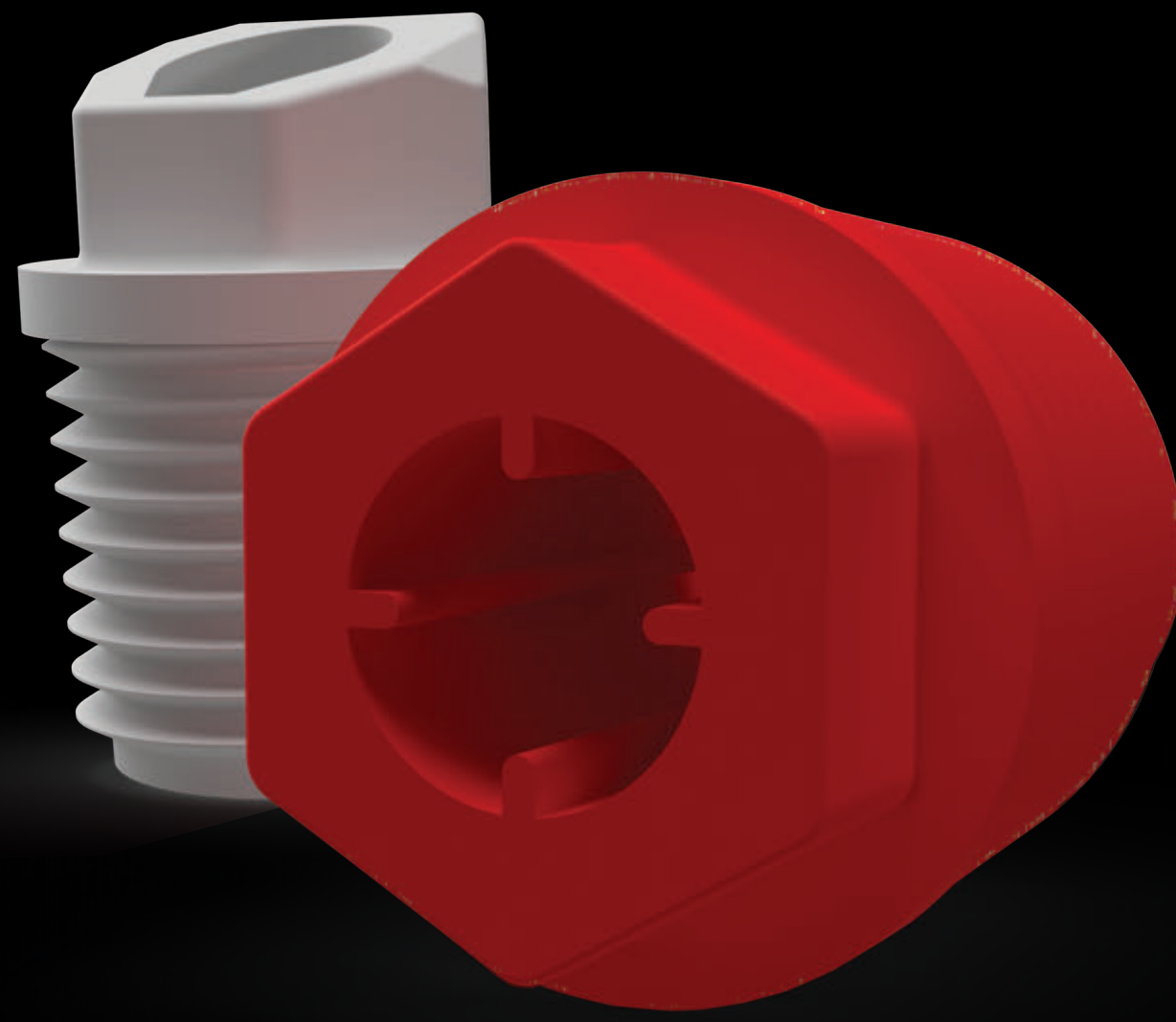


**FOR INFINITY® & FLEX800™ SERIES SPRINKLERS**

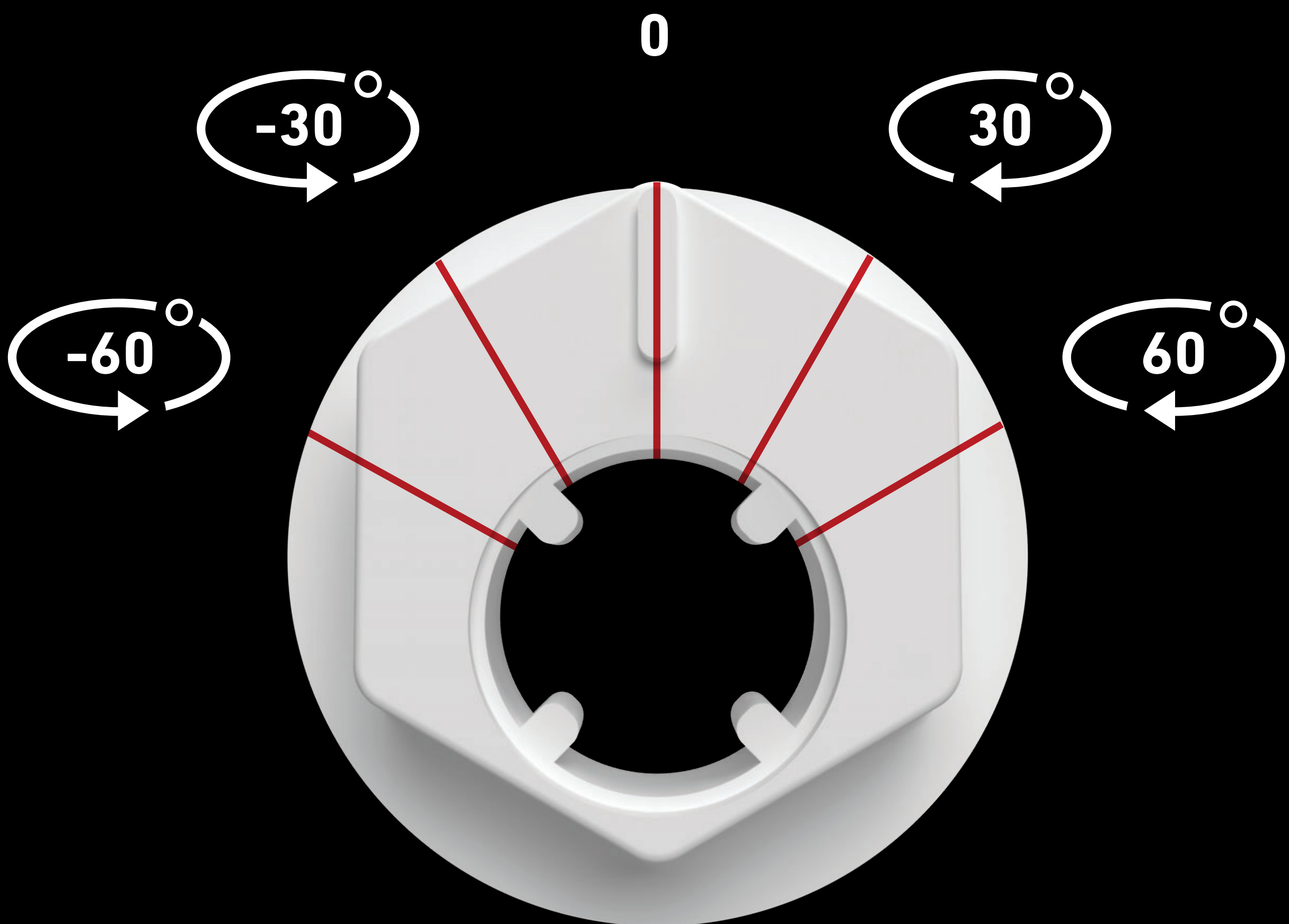


*PERFORMANCE SERIES*

# *NOZZLES*























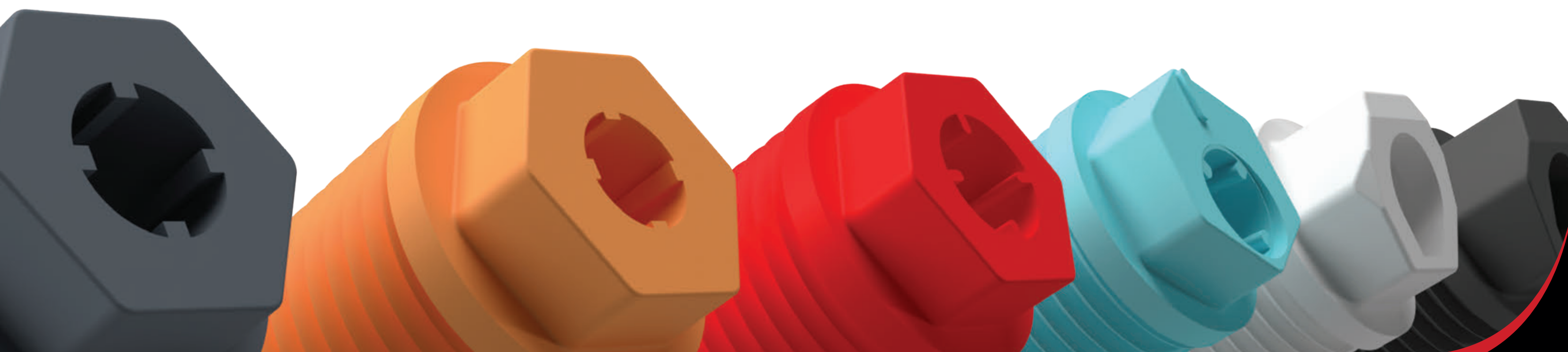
## *Nozzle Angle Installation Key*



# INF-FLX34

## Performance Series Nozzle Chart









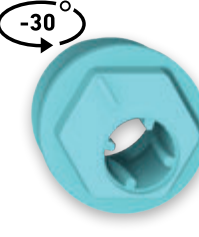






Nozzle Set (31 to 34)	Nozzle Set 31		Nozzle Set 32		Nozzle Set 33		Nozzle Set 34	
<b>Color</b>	 (Yellow)		 (Blue)		 (Brown)		 (Orange)	
<b>Part #</b>	102-0725		102-0726		102-0727		102-7002	
<b>Stator #</b>	102-6929 Blue							
<b>Front</b>								
<b>Color</b>	(Orange)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)
<b>Part #</b>	102-2926	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335
<b>Back Nozzle Positions</b>								
<b>Color</b>	(White)	(Red)	(Yellow)	(Orange)	(Yellow)	(Red)	(Yellow)	(Beige)
<b>Part #</b>	102-6940	102-4335	102-6937	102-2926	102-6937	102-2928	102-6937	102-2929
<b>Full Circle Dual Trajectory 34</b>								
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50	54	15.5	58	18.5				
65	55	18.0	60	21.1	65	25.4	70	28.9
80	59	19.9	67	23.6	71	28.5	75	32.4
100	61	22.2	70	26.5	76	32.0	79	36.0

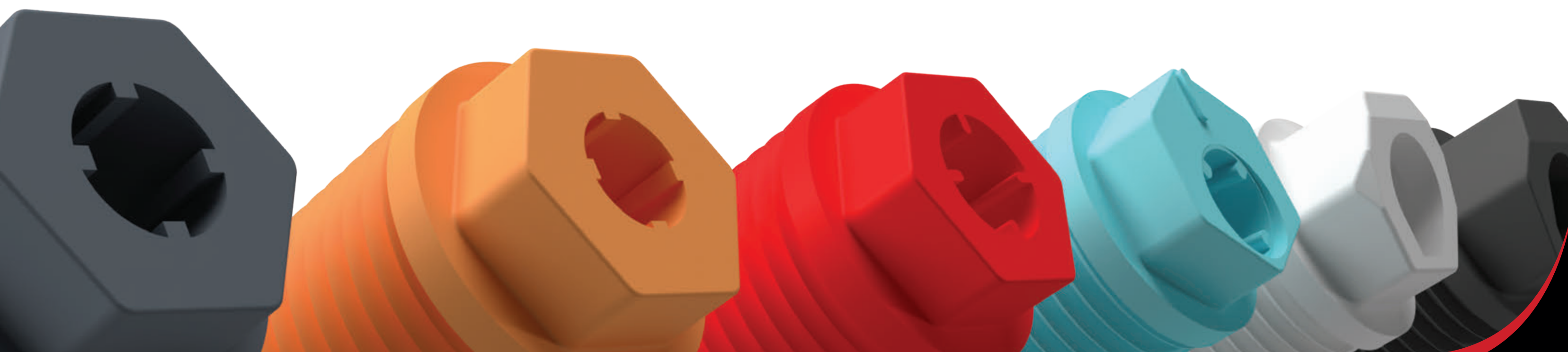


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX34

## Performance Series Nozzle Chart





















Nozzle Set (35 to 37)	Nozzle Set 35		Nozzle Set 36		Nozzle Set 37	
Color	 (Green)		 (Gray)		 (Black)	
Part #	102-0729		102-0730		102-4261	
Stator #	102-1940 Red, Black (Circles)					
Front	 (Red)	 (Red)	 (Brown)	 (Red)	 (Red)	 <sup>-30°</sup> (Lt. Blue)
Part #	102-4335	102-4335	102-6883	102-4335	102-4335	118-6700
Back Nozzle Positions	 (Yellow)	 (Beige)	 <sup>30°</sup> (White)	 (Beige)	 <sup>30°</sup> (White)	 (Beige)
Color	(Yellow)	(Beige)	(White)	(Beige)	(White)	(Beige)
Part #	102-6937	102-2929	102-6940	102-6942	102-6940	102-6942
<b>Full Circle Dual Trajectory 34</b>						
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50						
65	75	37.4				
80	82	41.3	80	46.8	85	52.3
100	86	46.0	87	52.1	89	58.5

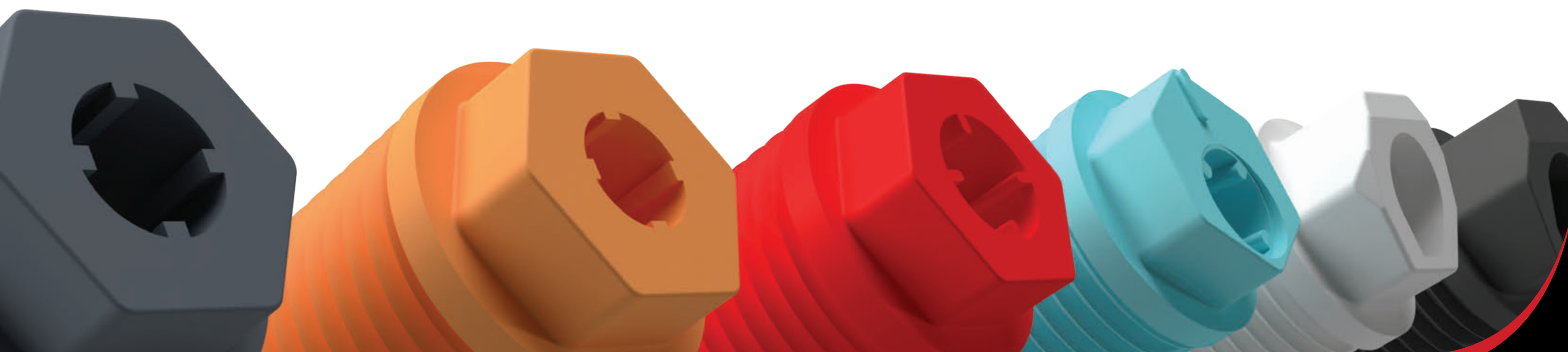


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX35

## Performance Series Nozzle Chart





















Nozzle Set (30 to 33)	Nozzle Set 30		Nozzle Set 31		Nozzle Set 32		Nozzle Set 33	
Color	 (White)		 (Yellow)		 (Blue)		 (Brown)	
Part #	102-2208		102-0725		102-0726		102-0727	
Stator #	102-6929 Blue		102-1939 White					
Front								
Color	(Yellow)	(Beige)	(Green)	(Blue)	(Green)	(Blue)	(Green)	(Blue)
Part #	102-5670	102-6942	102-6531	102-2925	102-6531	102-6947	102-6531	102-6947
Back Nozzle Positions								
Color	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)
Part #	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335
<b>Part Circle Dual Trajectory 35</b>								
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50	43	8.2	52	13.8	57	17.9		
65	45	10.0	55	15.9	60	20.4	64	22.6
80	46	11.5	56	17.6	63	22.7	67	24.9
100	47	13.4	58	19.6	67	25.2	70	27.8

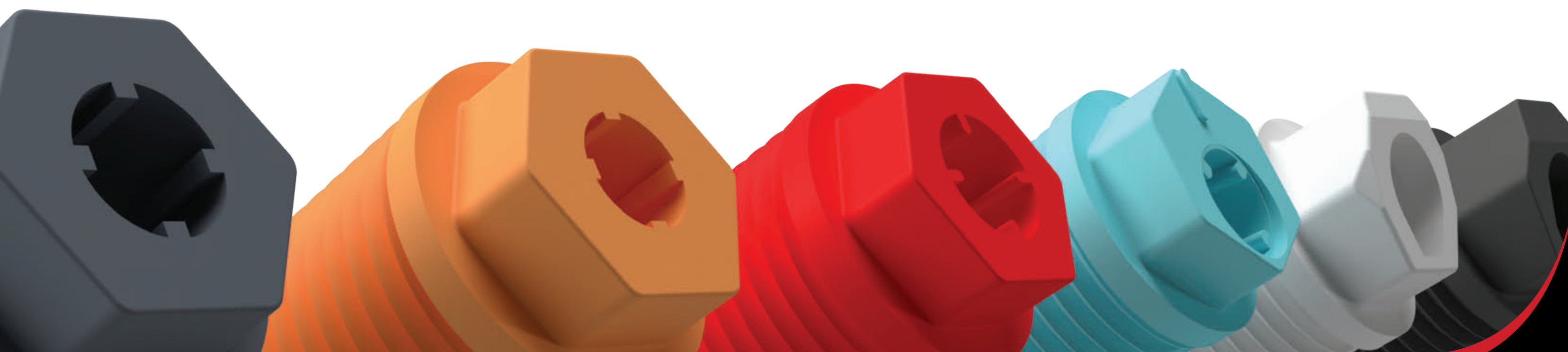


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX35

## Performance Series Nozzle Chart





















Nozzle Set (34 to 37)	Nozzle Set 34		Nozzle Set 35		Nozzle Set 36		Nozzle Set 37	
Color	 (Orange)		 (Green)		 (Gray)		 (Black)	
Part #	102-7002		102-0729		102-0730		102-4261	
Stator #	102-1939 White		118-7282 Red, Pink					
Front								
Color	(Yellow)	(Purple)	(White)	(Yellow)	(White)	(Yellow)	(White)	(Yellow)
Part #	102-5670	118-6699	102-6940	102-6946	102-6940	102-6946	102-6940	102-6946
Back Nozzle Positions								
Color	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)
Part #	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335
<b>Part Circle Dual Trajectory 35</b>								
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50								
65	69	25.6	75	34.2				
80	71	28.5	78	38	80	39.7	85	42.3
100	72	31.7	83	42.5	84	44.5	86	47.3

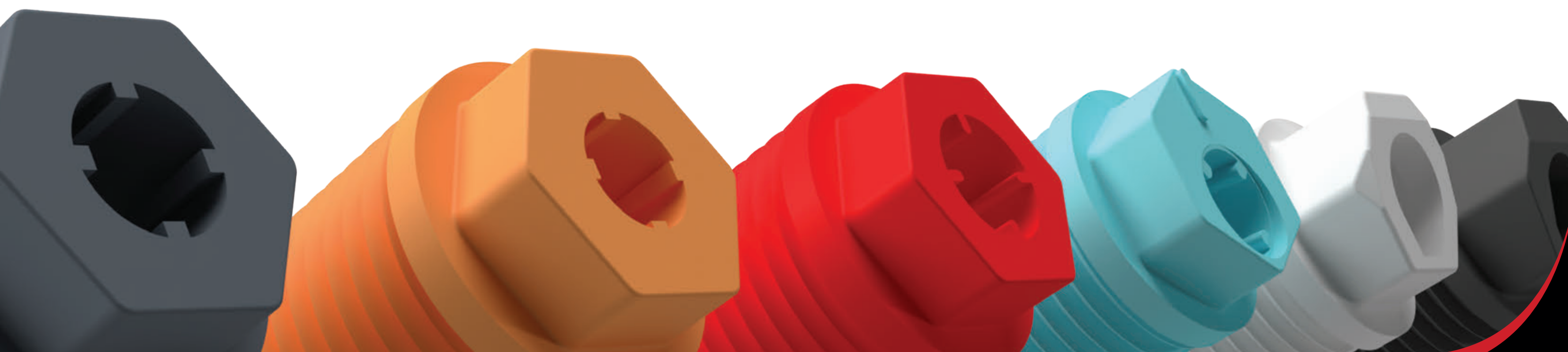


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX54

## Performance Series Nozzle Chart

Nozzle Set (51 to 54)	Nozzle Set 51		Nozzle Set 52		Nozzle Set 53		Nozzle Set 54	
Color	 (Yellow)		 (Blue)		 (Brown)		 (Orange)	
Part #	102-0725		102-0726		102-0727		102-7002	
Stator #	102-6929 Blue							
Front								
Color	(Orange)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)
Part #	102-2926	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335
Back Nozzle Positions								
Color	(White)	(Red)	(Yellow)	(Orange)	(Yellow)	(Red)	(Yellow)	(Beige)
Part #	102-6940	102-4335	102-6937	102-2926	102-6937	102-2928	102-6937	102-2929
<b>Full Circle Dual Trajectory 54</b>								
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50	54	15.9	60	18.9				
65	55	18.1	62	21.6	65	25.8	70	29.4
80	58	20.3	68	24.0	70	29.0	75	32.9
100	62	22.7	72	27.0	75	32.5	77	36.5

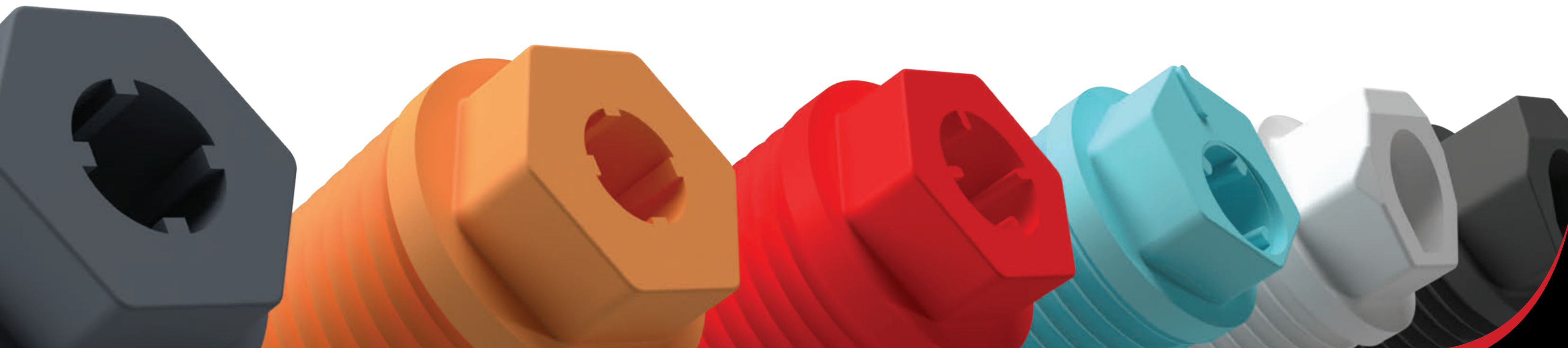


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX54

## Performance Series Nozzle Chart


















Nozzle Set (55 to 59)	Nozzle Set 55		Nozzle Set 56		Nozzle Set 57		Nozzle Set 58		Nozzle Set 59	
Color	(Green)		(Gray)		(Black)		(Red)		(Beige)	
Part #	102-0729		102-0730		102-4261		102-4260		102-4259	
Stator #	102-1940 Red, Black (Circles)								102-7282 Red, Pink (Circles)	
Front										
Part #	102-6883	102-4335	102-6883	102-4335	102-4335	118-6700	102-6940	102-4335	102-4335	102-6944
Back Nozzle Positions										
Color	(White)	(Beige)	(White)	(Beige)	(White)	(Beige)	(Beige)	(Gray)	(White)	(Red)
Part #	102-6940	102-6942	102-6940	102-6942	102-6940	102-6942	102-6942	102-6945	102-6940	102-4335
<b>Full Circle Dual Trajectory 54</b>										
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50										
65	75	40.8								
80	79	45.6	80	47.3	85	52.9	85	57.9	97	60.7
100	84	50.9	87	53.0	90	59.1	94	65.4	104	67.4

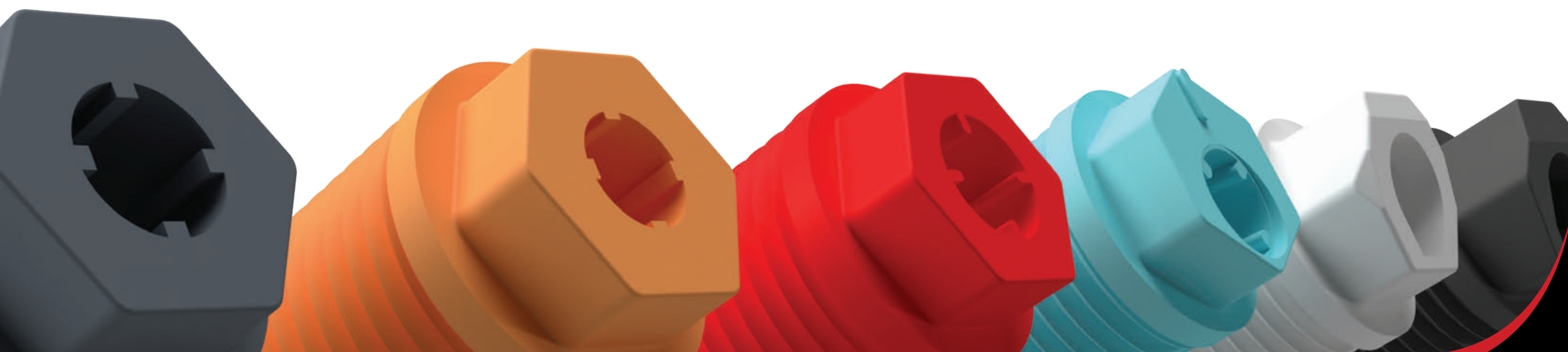


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX55

## Performance Series Nozzle Chart

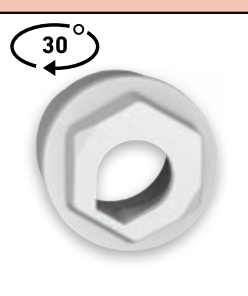
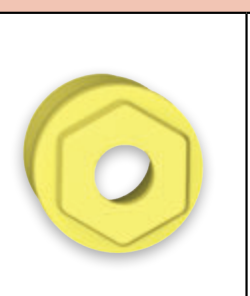

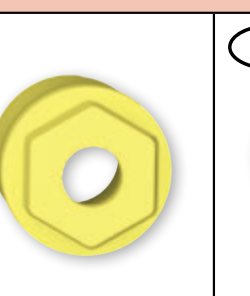
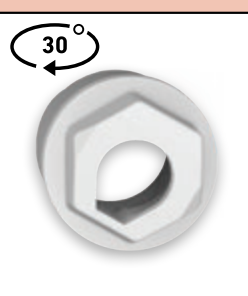
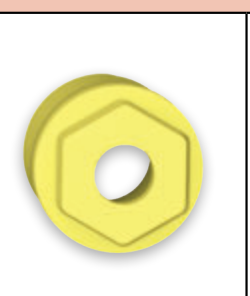

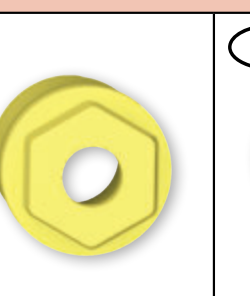
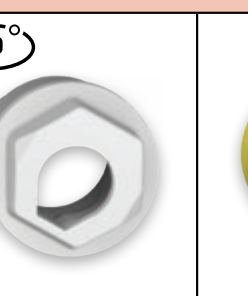
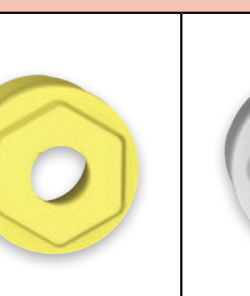



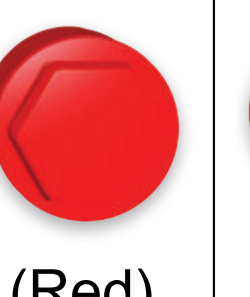



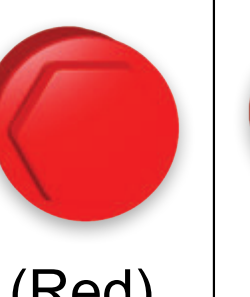
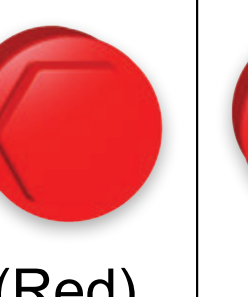
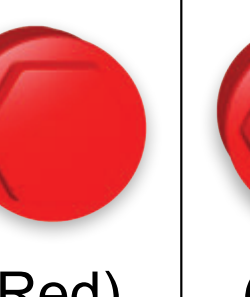
Nozzle Set (51 to 54)	Nozzle Set 51		Nozzle Set 52		Nozzle Set 53		Nozzle Set 54	
Color								
Color	(Yellow)		(Blue)		(Brown)		(Orange)	
Part #	102-0725		102-0726		102-0727		102-7002	
Stator #	102-1939 White							
Front								
Color	(Yellow)	(Brown)	(Green)	(Blue)	(Green)	(Blue)	(Yellow)	(Yellow)
Part #	102-5670	102-5671	102-6531	102-6947	102-6531	102-6947	102-5670	102-6884
Back Nozzle Positions								
Color	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)
Part #	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335
<b>Part Circle Dual Trajectory 55</b>								
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50	53	13.9	58	18.1				
65	56	15.3	61	20.7	65	22.9	70	25.9
80	57	17.8	64	23.1	68	25.4	71	29.0
100	59	19.8	68	25.8	72	28.6	73	32.4

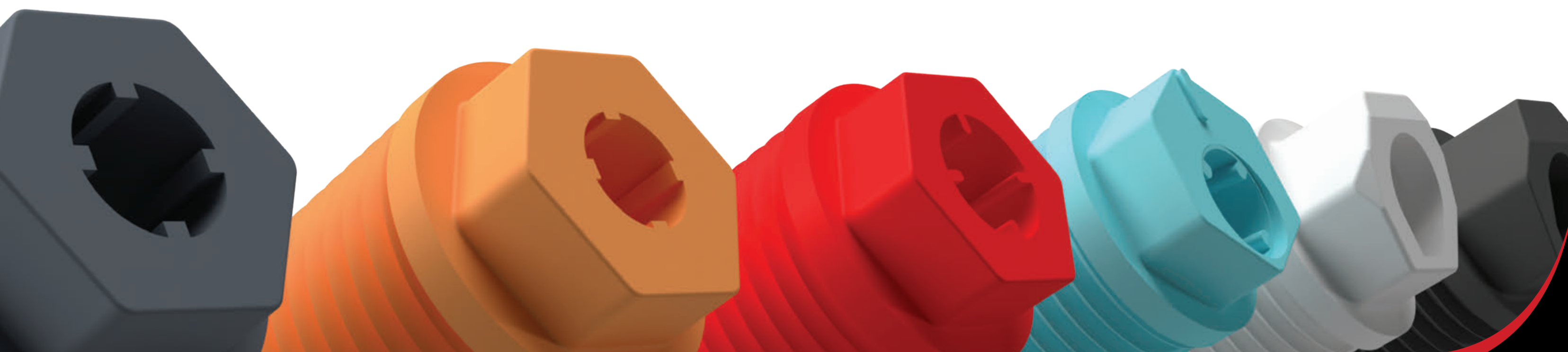


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX55

## Performance Series Nozzle Chart










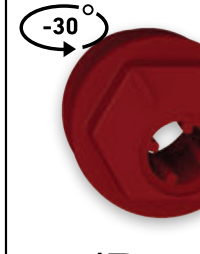






Nozzle Set (55 to 59)	Nozzle Set 55		Nozzle Set 56		Nozzle Set 57		Nozzle Set 58		Nozzle Set 59	
Color	(Green)		(Gray)		(Black)		(Red)		(Beige)	
Part #	102-0729		102-0730		102-4261		102-4260		102-4259	
Stator #	118-7282 Red, Pink								102-1941 Red, Black (Spokes)	
Front										
Color	(White)	(Yellow)	(White)	(Yellow)	(White)	(Yellow)	(White)	(Yellow)	(White)	(Yellow)
Part #	102-6940	102-6946	102-6940	102-6946	102-6940	102-6946	102-6940	102-6946	102-6940	102-6946
Back Nozzle Positions										
Color	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)	(Red)
Part #	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335	102-4335
<b>Part Circle Dual Trajectory 55</b>										
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50										
65	75	34.6								
80	79	38.5	80	40.0	83	42.9	85	49.0	89	58.1
100	83	43.0	85	45.1	87	48.1	88	54.8	95	64.6

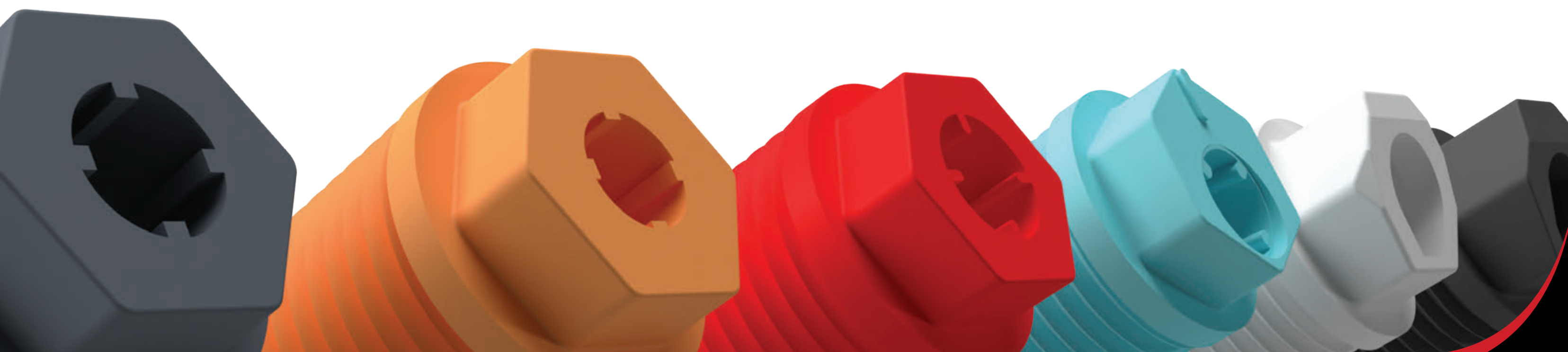


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX35-6

## Performance Series Nozzle Chart

















Nozzle Set (30 to 33)	Nozzle Set 30		Nozzle Set 31		Nozzle Set 32		Nozzle Set 33	
Color	 (White)		 (Yellow)		 (Blue)		 (Brown)	
Part #	102-2208		102-0725		102-0726		102-0727	
Stator #	102-6929 Blue		102-1939 White					
Front								
Color	(Gray)	(Blue)	(Black)	(Green)	(Black)	(Dark Red)	(Black)	(Dark Red)
Part #	102-2925	102-2910	102-6941	118-6697	102-6941	118-6698	102-6941	118-6698
Back Nozzle Positions								
Color	(Red)		(Red)		(Red)		(Red)	
Part #	102-4335		102-4335		102-4335		102-4335	
<b>Part Circle TruJectory 35-6</b>								
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50	42	7.6	53	13.9	58	19.4		
65	45	8.3	55	15.9	60	22.3	66	24.3
80	46	9.2	59	17.6	64	24.5	69	26.8
100	48	10.1	61	19.5	68	27.3	73	30.0

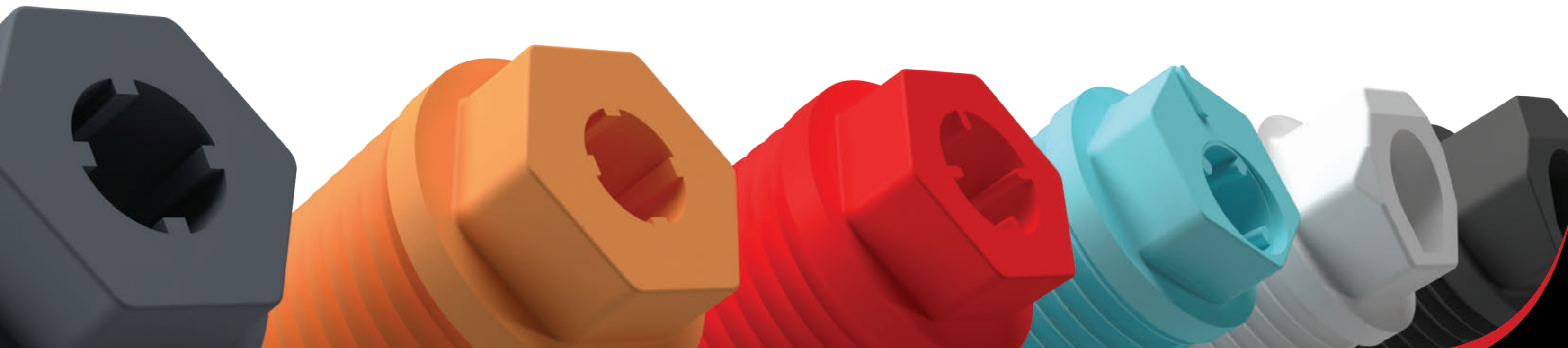


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX35-6

## Performance Series Nozzle Chart






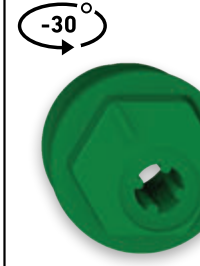



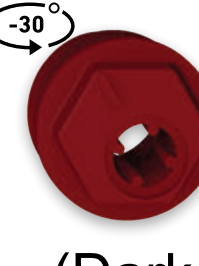






<b>Nozzle Set (34 to 37)</b>	<b>Nozzle Set 34</b>		<b>Nozzle Set 35</b>		<b>Nozzle Set 36</b>		<b>Nozzle Set 37</b>	
<b>Color</b>	 (Orange)		 (Green)		 (Gray)		 (Black)	
<b>Part #</b>	102-7002		102-0729		102-0730		102-4261	
<b>Stator #</b>	102-1939 White		118-7282 Red, Pink					
<b>Front</b>								
<b>Color</b>	(Black)	(Dark Red)	(White)	(Purple)	(White)	(Lt. Blue)	(White)	(Lt. Blue)
<b>Part #</b>	102-6941	118-6698	102-6940	118-6699	102-6940	118-6700	102-6940	118-6700
<b>Back Nozzle Positions</b>								
<b>Color</b>	(Red)		(Red)		(Red)		(Red)	
<b>Part #</b>	102-4335		102-4335		102-4335		102-4335	
<b>Part Circle Trajectory 35-6</b>								
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50								
65	71	26.2	76	34.6				
80	73	28.6	79	38.6	81	41.5	86	43.8
100	76	32.0	84	43.1	85	46.5	90	49.3

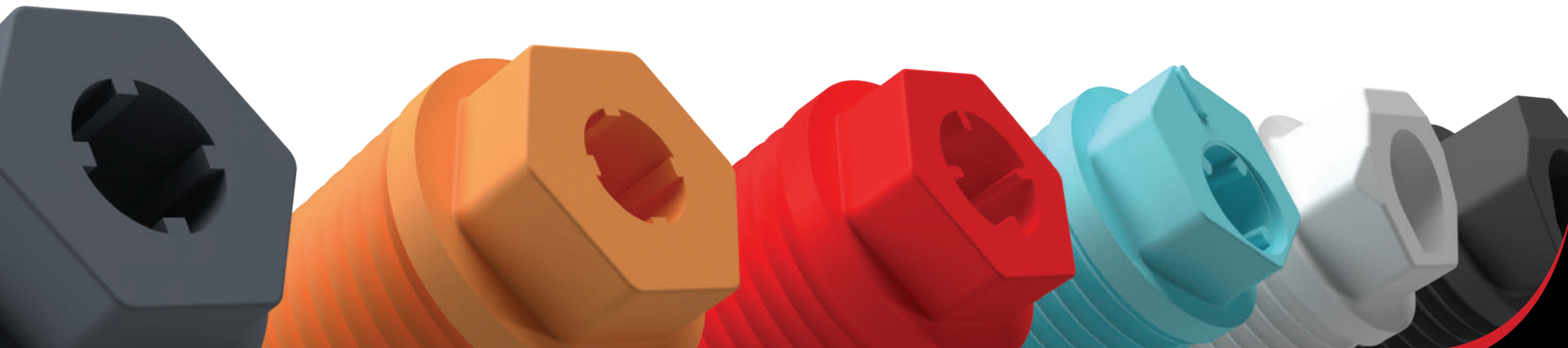


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX55-6

## Performance Series Nozzle Chart





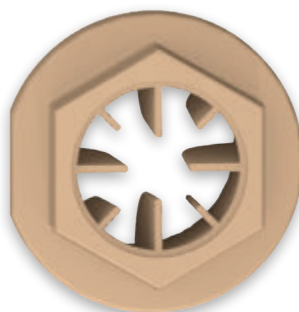















<b>Nozzle Set (51 to 54)</b>	<b>Nozzle Set 51</b>		<b>Nozzle Set 52</b>		<b>Nozzle Set 53</b>		<b>Nozzle Set 54</b>	
<b>Color</b>	 (Yellow)		 (Blue)		 (Brown)		 (Orange)	
<b>Part #</b>	102-0725		102-0726		102-0727		102-7002	
<b>Stator #</b>	102-1939 White							
<b>Front</b>	 60°	 30°	 30°	 30°	 30°	 30°	 30°	 30°
<b>Color</b>	(Black)	(Green)	(Black)	(Dark Red)	(Black)	(Dark Red)	(Black)	(Purple)
<b>Part #</b>	102-6941	118-6697	102-6941	118-6698	102-6941	118-6698	102-6941	118-6699
<b>Back Nozzle Positions</b>								
<b>Color</b>	(Red)		(Red)		(Red)		(Red)	
<b>Part #</b>	102-4335		102-4335		102-4335		102-4335	
<b>Part Circle TruJectory 55-6</b>								
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50	53	14.5	58	19.9	65	25.4	69	26.9
65	55	16.5	60	22.9	65	25.4	69	26.9
80	59	18.2	65	25	70	27.6	73	30.4
100	61	20.3	70	28	74	30.7	76	33.9

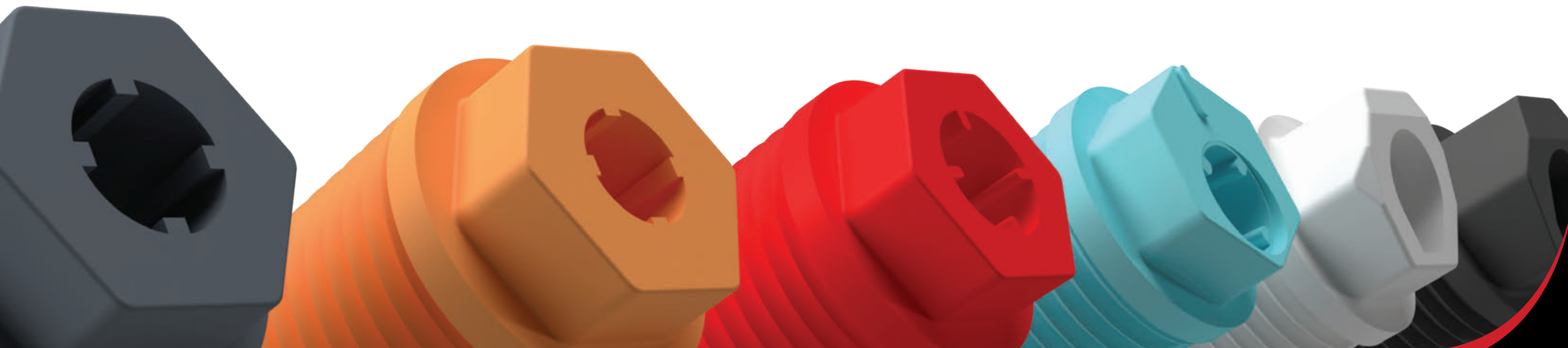


■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# INF-FLX55-6

## Performance Series Nozzle Chart

Nozzle Set (55 to 59)	Nozzle Set 55		Nozzle Set 56		Nozzle Set 57		Nozzle Set 58		Nozzle Set 59	
Color	 (Green)		 (Gray)		 (Black)		 (Red)		 (Beige)	
Part #	102-0729		102-0730		102-4261		102-4260		102-4259	
Stator #	118-7282 Red, Pink (Circles)								102-1941 Red, Black (Spokes)	
Front	 (White)	 (Purple)	 (White)	 (Purple)	 (White)	 (Purple)	 (Black)	 (Lt. Blue)	 (Black)	 (Red)
Part #	102-6940	118-6699	102-6940	118-6699	102-6940	118-6699	102-6941	118-6700	102-6941	102-6944
Back Nozzle Positions										
Color	(Red)		(Red)		(Red)		(Red)		(Red)	
Part #	102-4335		102-4335		102-4335		102-4335		102-4335	
<b>Part Circle TruJectory 55-6</b>										
Pressure (PSI)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)	Radius (FT)	Flow (GPM)
50										
65	76	35.1								
80	80	39.3	80	40.7	85	43.2	88	51.0	95	60.1
100	85	43.9	88	46.1	90	49.8	90	56.3	100	66.3



■ Not recommended at these pressures. Radius shown in feet. Toro® recommends the use of a 1 1/4" swing joint at flows over 25-gpm (95-LPM). Sprinkler radius data collected in Toro's zero wind test facility per ASAE standard S398.1. Actual site conditions must be considered when selecting the appropriate nozzle. All sprinklers are equipped with the selectable pilot valve that allows settings at 50, 65, 80 and 100 psi.

# FLEX800™ 35-6/55-6

## Trajectory Performance Charts

### FLEX800 35-6 Trajectory Performance

Nozzle/psi	#31 Nozzle @ 65 psi						#32 Nozzle @ 65 psi						#33 Nozzle @ 65 psi					
Trajectory	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	46'	46'	50'	53'	54'	50'	46'	49'	51'	55'	63'	54'	54'	56'	59'	62'	66'	61'
"B" Spray Height	4'	4'	5'	8'	11'	13'	3'	4'	6'	9'	12'	15'	4'	5'	7'	9'	13'	15'
"C" Distance from Head	25'	25'	26'	33'	33'	33'	20'	24'	28'	34'	34'	34'	23'	28'	32'	34'	35'	35'

Nozzle/psi	#34 Nozzle @ 65 psi						#35 Nozzle @ 65 psi						#36 Nozzle @ 80 psi					
Trajectory	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	58'	60'	63'	67'	74'	70'	59'	61'	64'	70'	76'	74'	64'	68'	76'	80'	84'	82'
"B" Spray Height	4'	4'	6'	11'	14'	17'	4'	5'	7'	11'	15'	17'	5'	7'	9'	14'	17'	22'
"C" Distance from Head	24'	26'	35'	39'	39'	39'	30'	32'	36'	43'	43'	43'	25'	38'	40'	45'	49'	45'

Nozzle/psi	#37 Nozzle @ 80 psi					
Trajectory	7°	10°	15°	20°	25°	30°
"A" Radius	65'	69'	78'	82'	86'	84'
"B" Spray Height	5'	7'	9'	14'	18'	22'
"C" Distance from Head	30'	39'	41'	46'	50'	46'

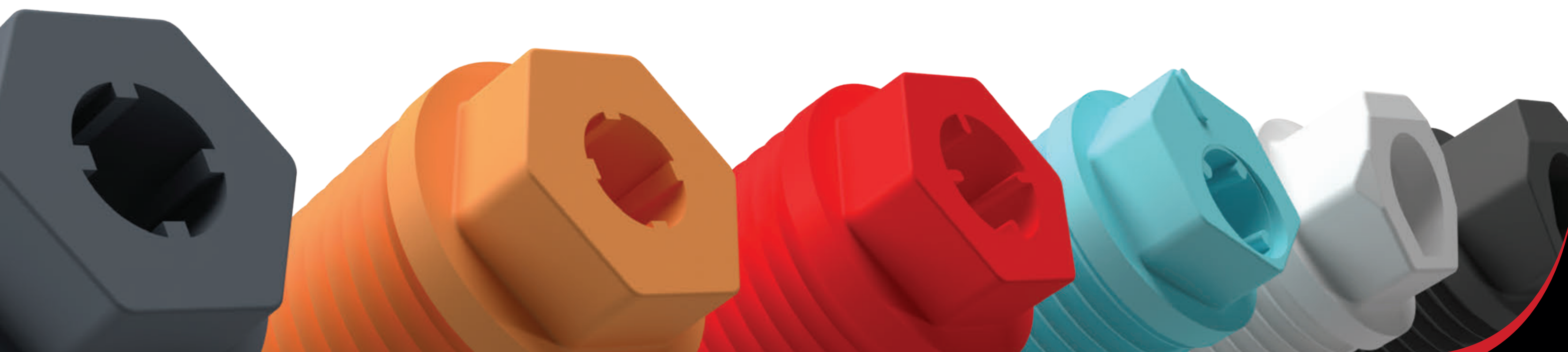
### FLEX800 55-6 Trajectory Performance

Nozzle/psi	#51 Nozzle @ 65 psi						#52 Nozzle @ 65 psi						#53 Nozzle @ 65 psi					
Trajectory	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	46'	46'	51'	53'	54'	50'	49'	50'	51'	55'	64'	65'	54'	56'	59'	62'	68'	61'
"B" Spray Height	4'	4'	6'	10'	13'	15'	4'	4'	6'	9'	11'	13'	5'	6'	7'	9'	13'	15'
"C" Distance from Head	26'	27'	32'	38'	40'	41'	22'	26'	31'	35'	34'	30'	30'	33'	32'	35'	37'	37'

Nozzle/psi	#54 Nozzle @ 65 psi						#55 Nozzle @ 65 psi						#56 Nozzle @ 80 psi					
Trajectory	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	58'	60'	63'	67'	74'	70'	59'	62'	66'	70'	76'	77'	72'	73'	75'	82'	85'	82'
"B" Spray Height	5'	6'	8'	10'	15'	17'	6'	6'	9'	11'	15'	17'	5'	7'	9'	14'	17'	22'
"C" Distance from Head	31'	34'	40'	41'	41'	42'	34'	36'	43'	45'	45'	45'	25'	38'	40'	45'	49'	45'

Nozzle/psi	#57 Nozzle @ 80 psi						#58 Nozzle @ 80 psi						#59 Nozzle @ 80 psi					
Trajectory	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°	7°	10°	15°	20°	25°	30°
"A" Radius	72'	74'	77'	83'	89'	85'	75'	77'	83'	87'	92'	88'	77'	78'	84'	89'	96'	92'
"B" Spray Height	5'	7'	9'	14'	18'	22'	6'	7'	10'	15'	18'	22'	7'	8'	11'	16'	21'	25'
"C" Distance from Head	30'	39'	41'	46'	50'	46'	38'	40'	43'	47'	52'	48'	42'	44'	45'	47'	53'	49'

Information is for reference only. Actual results may vary.



# BACKFLOW NOZZLE

## Performance Charts

These are the inner nozzles recommended for ideal back nozzle performance on a part circle sprinkler application.

102-6937 Yellow Key w/ Yellow Restrictor		Back Flow	Position	25°	
Pressure		Flow		Radius	
psi	BAR	gpm	lpm	Feet	Meters
50	3.4	2.7	10.2	24	7.3
65	4.5	3.9	14.8	24	7.3
80	5.5	4.2	15.9	25	7.6
100	6.9	4.9	18.5	26	7.9

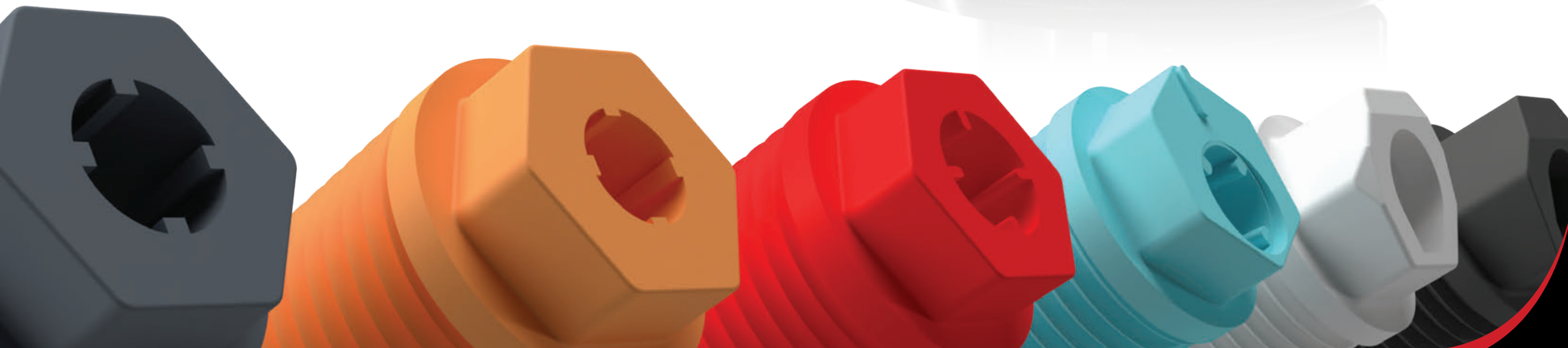
102-5670 Yellow Key w/ White Restrictor		Back Flow	Position	25°	
Pressure		Flow		Radius	
psi	BAR	gpm	lpm	Feet	Meters
50	3.4	2.7	10.2	24	7.3
65	4.5	3.9	14.8	27	8.2
80	5.5	4.2	16.3	28	8.5
100	6.9	5.3	20.1	29	8.8

102-6531 Green Key w/ White Restrictor		Back Flow	Position	25°	
Pressure		Flow		Radius	
psi	BAR	gpm	lpm	Feet	Meters
50	3.4	4	15.1	29	8.8
65	4.5	4.4	16.7	31	9.5
80	5.5	4.6	17.4	32	9.8
100	6.9	5.8	22.0	33	10.1

102-6941 Black Key w/ White Restrictor		Back Flow	Position	25°	
Pressure		Flow		Radius	
psi	BAR	gpm	lpm	Feet	Meters
50	3.4	4.4	16.7	22	6.7
65	4.5	5	18.9	24	7.3
80	5.5	5.1	19.3	25	7.6
100	6.9	6.4	24.2	27	8.2

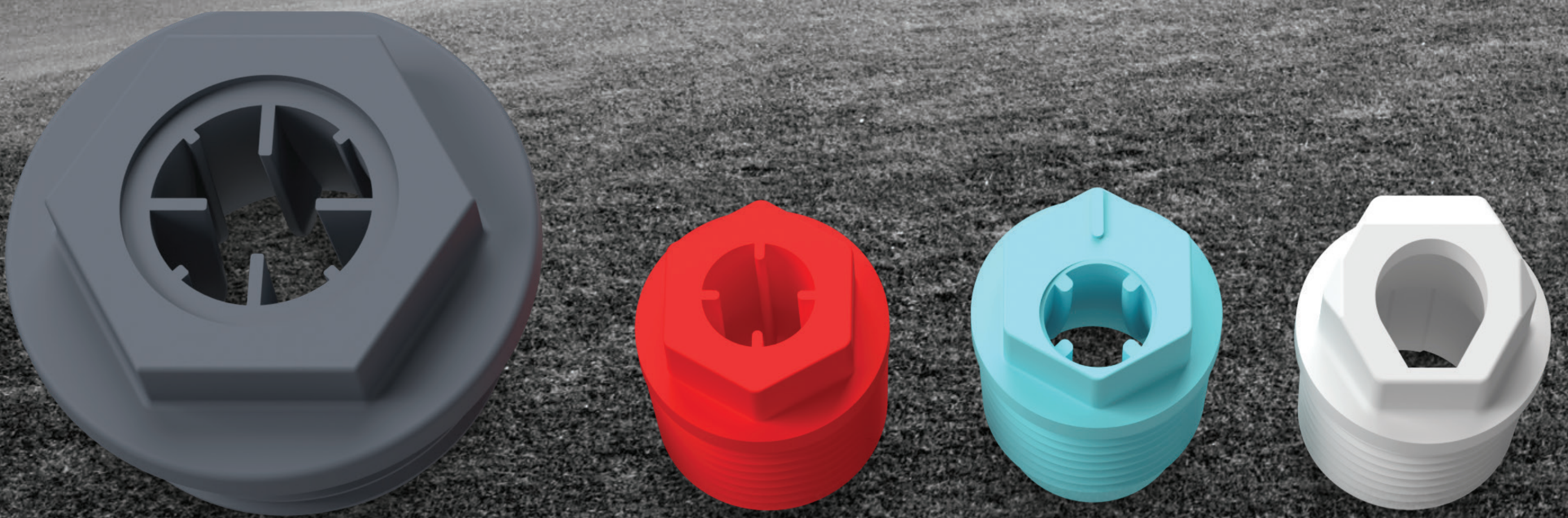
102-6940 White Key w/ White Restrictor		Back Flow	Position	25°	
Pressure		Flow		Radius	
psi	BAR	gpm	lpm	Feet	Meters
50	3.4	3.6	13.6	29	8.8
65	4.5	4.9	18.5	31	9.5
80	5.5	5.4	20.4	32	9.8
100	6.9	6	22.7	33	10.1

Main Nozzle Adaptor  
P/N 118-1521



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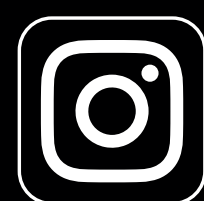
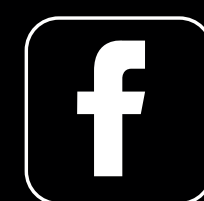
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