

Assembly Numbers

STICKTITE™ Burner Nozzles

To order a combination of the following, order a STICKTITE configured product.

STICKTITE®		STICKTITE® Nozzle Type							
Nozzle Size	Segment Choice	BP		DSHD		HD		HV	
		ANSI	ISO	ANSI	ISO	ANSI	ISO	ANSI	ISO
1/2" - 5	.55	06650 (0.5)	06650 (0.5)	36640 (0.5)	---	06651 (0.5)	06651 (0.5)	---	---
3/4" - 6	.756	06652 (0.5)	21225 (0.5)	36641 (0.5)	---	06653 (0.5)	21226 (0.5)	---	---
3/4" - 7	.757	06654 (0.5)	21227 (0.5)	36642 (0.5)	---	06655 (0.5)	21228 (0.5)	---	---
1" - 8	18	06656 (1)	21232 (1)	36643 (1)	---	06657 (1)	21231 (1)	---	---
1" - 9	19	06658 (1)	21230 (1)	36644 (1)	---	06659 (1)	21229 (1)	---	---
1-1/4" - 10	1.2510	12982 (2)	21792 (2)	36645 (2)	---	12981 (2)	21793 (2)	---	---
1-1/4" - 12	1.2512	06660 (2)	21233 (2)	36646 (2)	---	06661 (2)	21234 (2)	---	---
1-1/4" - 14	1.2514	06662 (2)	21236 (2)	17139 (2)	---	06663 (2)	21235 (2)	---	---
1-1/2" - 16	1.516	06664 (3)	21240 (3)	36647 (3)	---	06665 (3)	21239 (3)	---	---
1-1/2" - 18	1.518	06666 (3)	21238 (3)	15400 (3)	---	06667 (3)	21237 (3)	---	---
2" - 18	218	---	---	---	---	14827 (4)	21248 (4)	---	---
2" - 21	221	06668 (4)	21318 (4)	37919 (4)	---	06669 (4)	21243 (4)	16388 (3)	44148 (3)
2" - 24	224	06670 (4)	21242 (4)	37920 (4)	---	06671 (4)	21241 (4)	05765 (3)	44122 (3)
2-1/2" - 27	2.527	06672 (6)	21038 (6)	37921 (6)	---	06673 (6)	21039 (6)	05766 (5)	44123 (5)
3" - 30	330	06674 (10)	21040 (10)	37922 (10)	---	06675 (10)	21041 (10)	05767 (8)	44124 (8)
4" - 34	434	06676 (17)	21044 (17)	37923 (17)	---	06677 (17)	21042 (17)	16389 (16)	44149 (16)
4" - 41	441	06678 (16)	21045 (16)	37924 (16)	---	06679 (16)	21043 (16)	05768 (15)	44127 (15)
5" - 50	550	---	---	---	---	09518 (20)	---	05769 (26)	---
6" - 60	660	---	---	---	---	00103 (50)	32752 (50)	05770 (42)	44128 (42)
8" - 84	884	---	---	---	---	---	---	05771 (81)	---
8" - 88	888	---	---	---	---	01825 (110)	---	---	---

Miscellaneous Replacement and/or Spare Parts

18110	10mm spark ignitor
18118	18mm spark ignitor
18117	Flame rod (L = 7.125")
18722	Cover for flame rod or spark ignitor

Approximate net weight (in pounds) shown in parentheses

Assembly Numbers

STICKTITE®		PILOTPAK™ Nozzle Types [1]				Flame Rods for PILOTPAK (cut to length "L")	Nozzle Support Bracket		Refractory Tuyere Blocks
Nozzle Size	Segment Choice	SP		SPA			For STICKTITE Nozzle	For PILOTPAK Nozzle	
		ANSI	ISO	ANSI	ISO				
1/2" - 5	.55	---	---	---	---	---	---	T-10 02046 (8)	
3/4" - 6	.756	---	---	---	---	---	---		
3/4" - 7	.757	---	---	---	---	---	---		
1" - 8	18	---	---	---	---	---	---		
1" - 9	19	---	---	---	---	---	---		
1-1/4" - 10	1.2510	---	---	---	---	---	---	T-11 01871 (8)	
1-1/4" - 12	1.2512	---	---	---	---	---	---		
1-1/4" - 14	1.2514	---	---	---	---	---	---		
1-1/2" - 16	1.516	16270 (4)	44146 (4)	20311 (5)	44158 (5)	59162 L = 1.875"	1115320	19568	T-15 20247 (23)
1-1/2" - 18	1.518	16271 (3)	44147 (3)	20312 (4)	44159 (4)				
2" - 18	218	14831 (5)	44145 (5)	20317 (6)	44160 (6)		14856	T-22 01872 (25)	
2" - 21	221	14571 (5)	44143 (5)	20318 (5)	44161 (5)				
2" - 24	224	14292 (5)	44141 (5)	20319 (5)	44162 (5)				
2-1/2" - 27	2.527	14293 (6)	44142 (6)	20320 (7)	44163 (7)	47743 L = 2"	11149	14857	T-33 01873 (59)
3" - 30	330	14190 (9)	44139 (9)	20321 (9)	44164 (9)	59164 L = 2.625"			
4" - 34	434	14572 (15)	44144 (15)	20322 (15)	44165 (15)	59165 L = 2.75"	11150	14858	T-44 29291 (100)
4" - 41	441	14191 (14)	44140 (14)	20323 (15)	44166 (15)				
5" - 50	550	14192 (21)	---	20324 (15)	---		11798	14859	T-66 29298 (255)
6" - 60	660	15230 (52)	59167 (52)	1115351 (52)	59168 (52)	59166 L = 6"			
8" - 84	884	---	---	---	---	---	---	---	---
8" - 88	888	---	---	---	---	---	---	---	---

[1] Includes #18110 spark ignitor

Assembly Numbers

Pilots for STICKTITE™ Burner Nozzles (see catalog pages 9505 & 9521 for more details)

Pilot Assembly Number	Pilot Description	Pressures required to pilot mixer		Normal Capacity 1000's Btu/hr	Pilot Assembly includes:		
		Natural Gas	Combustion Air		Pilot Mixer	Gas Adjustable Orifice*	Spark Ignitor
04572 (3)	Open port atmospheric pilot	8-27" wc	---	30	12326	39294	---
06868 (4)	Open port venturi pilot	4-6" wc		15	12457		---
06969 (4)		---	---	---	---		18110
1115282 (3)	Open port atmospheric pilot	8-27" wc	---	30	12326		---
1115285 (3)				---	---		---
1115289 (3)		---		---	---		18110
13919 (4)		6-8" wc		25	12457	---	
18886 (4)	Open port venturi pilot	2-15 PSIG	---	30	18885	39295	---
18887 (4)							18110
09300 (2)	Open port pressure pilot	4-7" wc	8-16 oz.	20	11680	38579	---
10237 (2)							---
1115283 (2)							---
1115284 (2)							Pressure pilot/spark ignited

*Included in Pilot Mixer Assembly

Series SN Sealed Nozzles

Segment choices are as follows for *configured* products:

- Mixture Connection Type
- Pilot
- Flame Detection
- Cooling Tee
- Block Material

(Note: Not all configured products have all segment choices)

Sealed Nozzle Burner Size & Designation	Configured Item Number	Spare Parts			
		Flame Rods		Pilot Port Cover Set	Cooling Tee Set
		If used alone	If used with cooling tee set		
SN- 3/4" -5	0075 5 SN	---	---	32376	---
SN- 3/4" -7	0075 7 SN				
SN- 1" -9	0100 9 SN				
SNF- 1-1/4" -12	0125 12 SN	59173 L = 3.725	47746 L = 7	32377	27548
SNF- 1-1/4" -14	0125 14 SN				
SNF- 1-1/2" -16	0150 16 SN	59174 L = 4.125	18117 L = 6.438 (cut down)	32377	27549
SNF- 1-1/2" -18	0150 18 SN				
SNF- 2" -20	0200 20 SN				
SNF- 2" - 24	0200 24 SN				
SNF- 2-1/2" -27	0250 27 SN	59175 L = 5.625	59177 L = 7.938		
SNF- 3" -33	0300 33 SN				

Approximate net weight (in pounds) shown in parentheses



Assembly Numbers

Spare Parts

Pilots for Series “SNF” Sealed Nozzle Burners (see catalog pages 9505-9521 for more details)

Pilot Assembly Number	Description
06868	Open port venturi pilot [1] for 4-6" wc natural gas @ 30,000 Btu/hr, includes: #12457 mixer & #39294 adjustable orifice
06969	Open port venturi pilot [1] w/ignitor for 4-6" wc natural gas @ 30,000 Btu/hr, includes: #12457 mixer, #39294 adjustable orifice & #18110 ignitor
10240 all except 3"	Sealed port venturi pilot for 2-5 PSIG natural gas @ 20,000 Btu/hr, includes: #18885 mixer, #39295 adjustable orifice & #18110 ignitor
10243 3" only	Sealed port venturi pilot for 2-5 PSIG natural gas @ 20,000 Btu/hr, includes: #18885 mixer, #39295 adjustable orifice & #18110 ignitor
11681	Sealed port pressure pilot (for SNF-2-1/2"-27 & smaller): for 4-7" wc natural gas & 8-16 psi combustion air @ 25,000 Btu/hr, includes: #11680 mixer, #38579 adjustable orifice & #18110 ignitor
1115321	Sealed port pressure pilot (for SNF-3"-30 & larger): for 4-7" wc natural gas & 8-16 psi combustion air @ 40,000 Btu/hr, includes: #11683 mixer, #38579 adjustable orifice & #18110 ignitor
18886	Open port venturi pilot [1] for 2-15 PSIG natural gas @ 30,000 Btu/hr includes: #18885 mixer & #39295 adjustable orifice
18887	Open port venturi pilot [1] w/ignitor for 2-15 PSIG natural gas @ 30,000 Btu/hr, includes: #18885 mixer, #38579 adjustable orifice & #18110 ignitor

[1] Requires #43372 pilot mounting assembly (order separately)

Replacement Block and Frame Assemblies

Sealed Nozzle Burner Size & Designation	Replacement Block & Frame Assembly
	For basic burner [1]
SN- 3/4" -5	28851
SN- 3/4" -7	
SN- 1" -9	
SNF- 1-1/4" -12	28853
SNF- 1-1/4" -14	
SNF- 1-1/2" -16	28855
SNF- 1-1/2" -18	
SNF- 2" -20	
SNF- 2" -24	28857
SNF- 2-1/2" -27	28859
SNF- 3" -33	28863

[1] Refer to Product Data Sheet 9000-1 & 2 for alternate refractory materials at net extra charge

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