

Geeral Information - Pipe Fitting

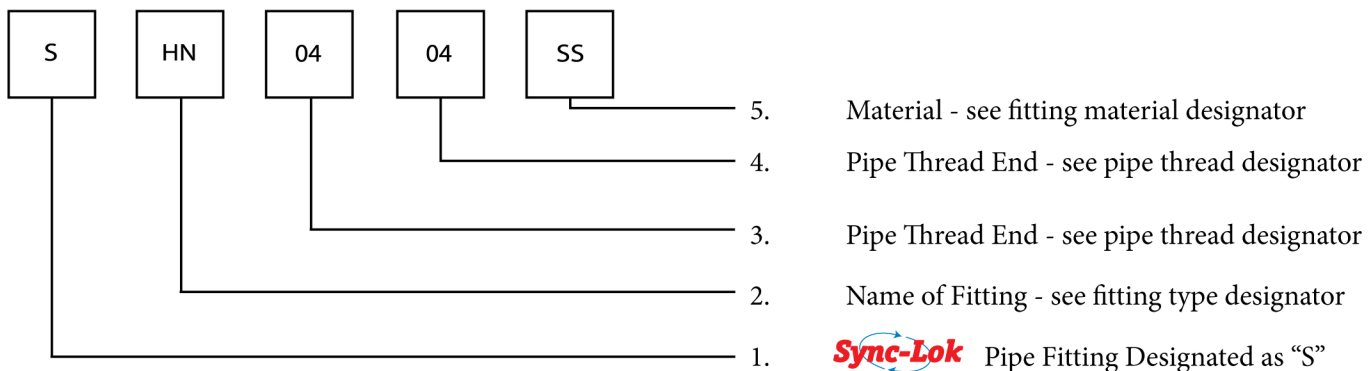
Fitting Designators

Identifier	Description
SHN	Hex Nipple
SHRN	Hex Reducing Nipple
SHLN	Hex Long Nipple
SCN	Close Nipple
SLPN	Long Pipe Nipple
SHC	Coupling
SRC	Reducing Coupling
SA	Adapter
SRA	Reducing Adapter
SGA	Gauge Adapter
SRB	Reducing Bushing
SCP	Pipe Cap
SHP	Pipe Plug
SFE	Female Elbow
SME	Male Elbow
SSE	Street Elbow
SRSE	Reducing Street Elbow
SFT	Female Tee
SMT	Male Tee
SST	Street Tee
SBT	Branch Tee
SC	Cross

Pipe Thread Size Designator

Pipe Size	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1
Identifier	1	2	3	4	5	6	8	10	12	14	16

Example 1 - Pipe to Pipe ends



Installation instructions: To ensure leak tight seal, Sync-Lok recommends the use of pipe thread sealant on all NPT threads. The most effective sealing method is the use of Teflon Tape. Tape should be used on Male NPT threads. Clean both male and female tapered threads. Wrap tape in thread direction of male taper

Material Designator

Material	Designator
316 Stainless Steel	SS
Brass	B
Carbon Steel	CS
Monel	MO

Thread Specifications

Pipe Thread	Relevant Standards
NPT	ASME B1.20.1, MIL-P-7105B
ISO/BSP (parallel)	ISO 228, BS 2779, JIS B 0202
ISO/BSP (tapered)	ISO 7, BS21, JIS B 0203
ISO/BSP (gauge) (Based on DIN 16288-1987)	ISO 228, BS 2779
Unified (SAE)	ASME B 1.1

Pressure Ratings

Ratings are based on AMSE Code for pressure piping
B13.3 process piping at ambient temperature

Material	Allowable Stress Value (psi)	Bar
316 SS	20000	1372
Brass	10000	689
Steel	20000	1378

Temperature Ratings

Material	Max Temperature (° F)
316 SS	1000 ° F
Brass	400 ° F
Steel	375 ° F