Visual Index

FITTING DASH SIZE	WALL THICKNESS – INCH TUBE				WALL THICKNESS – METRIC TUBE			
	O.D.	WALL THICKNESS			O.D.	WALL THICKNESS		
	(in.)	Min.	(in.)	Max.	(mm)	Min.	(mm)	Max.
-2	1/8	0.010	–	0.035	–		–	
-3	3/16	0.010	–	0.035	–		–	
-4	1/4	0.020	–	0.065	6.0	0.5	–	2.0
-5	5/16	0.020	–	0.065	8.0	0.5	–	2.0
-6	3/8	0.020	–	0.065	10.0	0.5	–	2.0
-8	1/2	0.028	–	0.083	12.0	1.0	–	2.0
-10	5/8	0.035	–	0.095	14.0	1.0	–	2.5
-10	5/8	0.035	–	0.095	15.0	1.0	–	2.5
-10	5/8	0.035	–	0.095	16.0	1.0	–	2.5
-12	3/4	0.035	–	0.109	18.0	1.0	–	3.0
-12	3/4	0.035	–	0.109	20.0	1.0	–	3.0
-14	7/8	0.035	–	0.109	22.0	1.0	–	3.0
-16	1	0.035	–	0.120	25.0	1.0	–	3.0
-20	1 1/4	0.049	–	0.120	30.0	1.5	–	3.0
-20	1 1/4	0.049	–	0.120	32.0	1.5	–	3.0
-24	1 1/2	0.049	–	0.120	38.0	1.5	–	3.0
-32	2	0.058	–	0.134	50.0	1.5	–	3.5

Table C7 – Wall Thickness Chart for Inch and Metric Tubing

Features, Advantages & Benefits

Feature	Advantage	Benefit
Elastomeric seal	Tolerant of surface imperfections	Provides leak-free connection
Replaceable O-ring seal	Provides easy maintenance	Reduced down time and maintenance costs
Standard size O-rings in -10 thru -32	O-rings are readily available	Reduced down time and maintenance costs
Increased flow diameters versus other soft seal flare fittings	Less pressure drop and higher flow rates through fittings	More efficient hydraulic systems
Longer adjustable locknut	Backup washer is never exposed to upper threads, preventing damage during assembly.	Insures proper assembly to prevent leaks.
	Increased grip area for wrench.	Easier installation
Dual angle female seat	Accepts both 37° and 45° flare fittings (size 4, 5, 8 and 10 45˚ flare only).	Versatility for end customer. Minimize inventory
	Repositions seal location away from the tip of the nose, preventing nose from biting into mating seat and making it more tolerant to minor nose tip damage.	Higher quality assembly and longer service life.
Adaptable to metric tube	Easily meets customer's needs for inch or metric tube	Versatility for end customer and for customer standardization efforts
Used as hose adapter	Adapts directly to hose swivel connection, the most commonly used hose connection in the world. One connector for tube and hose.	Versatility for flexible system requirements. Minimizes connector proliferation.
Forged shapes	No potential leak path and longer fatigue life with compact design	Longer service life
Assembles using standard Triple-Lok assembly torque	No changes to assembly procedures	No additional training

Table C8 – Features, Advantages and Benefits