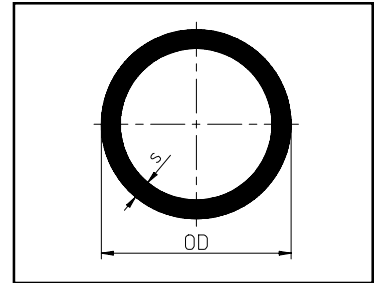


UltraPro Pipe

- IR/Butt Fusion
- Extruded



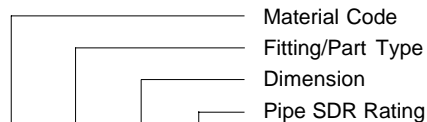
OD		PN 10 / ISO S-10 / SDR 21			
[mm]	[inch]	Agru Code	Asahi Part #	s	Weight (lbs/m)
32	1"	705.0032.21	5501010	0.094	0.97
50	1½"	705.0050.21	5501015	0.118	1.87
63	2"	705.0063.21	5501020	0.118	2.40
90	3"	705.0090.21	5501030	0.169	4.89
110	4"	705.0110.21	5501040	0.209	7.32

- Pipe supplied in 5 meter lengths (5 meters equals 16.4 ft).
- Pipe and fitting OD size is metric, inch OD provided as nominal size only.
- PN10 equals 150 psi pressure rating.
- High Purity preparation and packaging available upon request.

Components listed in this section contain both Agru Code identifications and Asahi/America part numbers. Either can be used to identify the requested component. When using the Agru Code, be sure to preface the numbers with the Material Identification Code.

UltraPro Material Code = 41

Code identification



xx . xxx .xxxx .xx

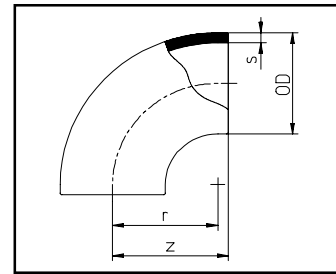
Example:

- UltraPro Pipe, OD 63mm, SDR21 Code **41.705.0063.21**

Halar is a registered trademark of Ausimont Montedison Group

UltraPro 90

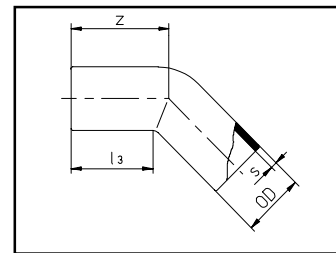
- IR/Butt Fusion
- Molded



OD		Dimensions		PN 10 / ISO S-10 / SDR 21			
[mm]	[inch]	r	z	Agru Code	Asahi Part #	s	Weight (lbs)
32	1"	1.340	1.693	001.0032.21	5504010	0.094	0.05
50	1½"	1.970	2.323	001.0050.21	5504015	0.118	0.16
63	2"	2.482	2.795	001.0063.21	5504020	0.118	0.26
90	3"	3.585	4.055	001.0090.21	5504030	0.169	0.75
110	4"	4.255	4.843	001.0110.21	5504040	0.209	1.31

UltraPro 45

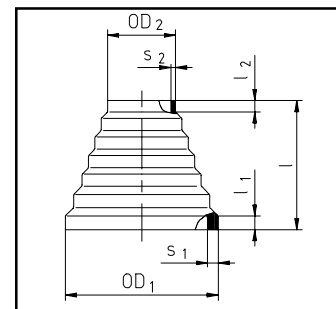
- IR / Butt Fusion
- Molded



OD		Dimensions		PN 10 / ISO S 10 / SDR 21			
[mm]	[inch]	l ₃	z	Agru Code	Asahi Part #	s	Weight (lbs)
32	1"	1.811	2.047	060.0032.21	5516010	0.094	0.11
50	1½"	2.205	2.598	060.0050.21	5516015	0.118	0.19
63	2"	2.441	2.953	060.0063.21	5516020	0.118	0.38

UltraPro Concentric Reducer

- IR/Butt Fusion
- Molded

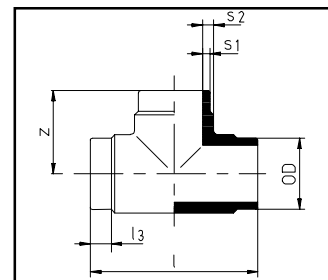


OD		Dimensions			PN 10 / ISO S-5 / SDR 11		
[mm]	[inch]	l	s ₁	s ₂	Agru Code	Asahi Part #	Weight (lbs)
63/16	2 x 3/8	2.126	0.228	0.071	007.6316.21	5513247	0.03
110/63	4 x 2	2.480	0.394	0.228	007.1163.21	5513420	0.14

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UltraPro Tee

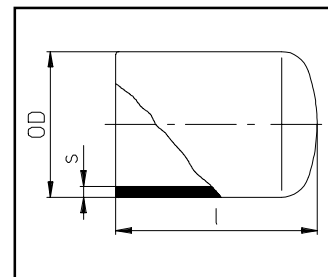
- IR/Butt Fusion
- Molded



OD		Dimensions			PN 10 / S 10 / SDR 21			
[mm]	[inch]	l	z	l ₃	Agru Code	Asahi Part #	s	Weight (lbs)
32	1"	3.504	1.772	0.669	006.0032.21	5507010	0.094	0.18
50	1½"	4.724	2.362	0.906	006.0050.21	5507015	0.118	0.46
63	2"	5.866	2.953	1.102	006.0063.21	5507020	0.118	0.68
90	3"	7.126	3.622	1.299	006.0090.21	5507030	0.169	1.23
110	4"	8.504	4.331	1.299	006.0110.21	5507040	0.209	2.40

UltraPro Cap

- IR/Butt Fusion
- Molded

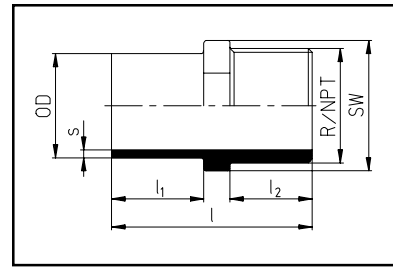


OD		Dimensions		PN 10 / ISO S-10 / SDR 21		
[mm]	[inch]	l	s	Agru Code	Asahi Part #	Weight (lbs)
32	1"	1.50	0.094	N/A	C.F	C.F.
50	1½"	1.50	0.118	N/A	C.F	C.F.
63	2"	1.50	0.118	N/A	C.F	C.F.
90	3"	1.50	0.169	N/A	C.F	C.F.
110	4"	1.50	0.209	N/A	C.F	C.F.

Halar is a registered trademark of Ausimont Montedison Group

UltraPro Male Adapter

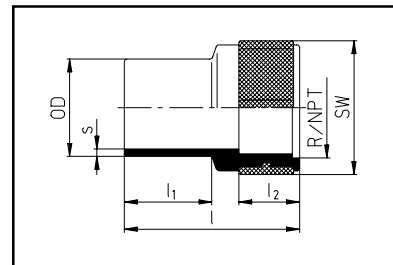
- IR/Butt Fusion
- Machined, NPT Adapter



OD		Dimensions						PN 10 / ISO S-10 / SDR 21		
[mm]	[inch]	s	l	l ₁	l ₂	SW	NPT Thd	Agru Code	Asahi Part #	Weight (lbs)
32	1"	0.094	2.400	1.181	0.985	2.400	1"	N/A	5528010	C.F
50	1½"	0.118	2.920	1.338	1.023	2.920	1½"	N/A	5528015	C.F
63	2"	0.118	3.150	1.417	1.058	3.150	2"	N/A	5528020	C.F

UltraPro Female Adapter

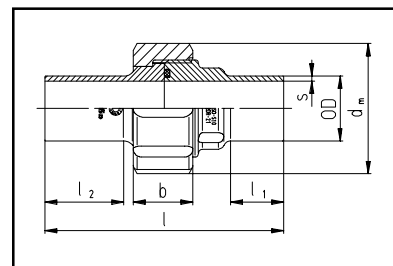
- IR/Butt Fusion
- Machined, NPT Adapter



OD		Dimensions						PN 10 / ISO S-10 / SDR 21		
[mm]	[inch]	s	l	l ₁	l ₂	SW	NPT Thd	Agru Code	Asahi Part #	Weight (lbs)
32	1"	0.094	2.280	1.181	0.985	2.400	1"	N/A	5529010	C.F
50	1½"	0.118	2.670	1.338	1.023	2.920	1½"	N/A	5529015	C.F
63	2"	0.118	2.950	1.417	1.058	3.150	2"	N/A	5529020	C.F

UltraPro T-24 Union

- IR/Butt Fusion
- Molded, FPM O'Ring

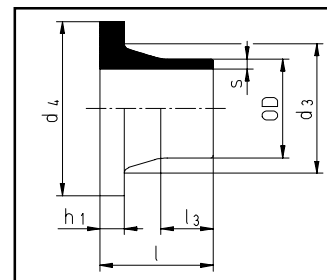


OD		Dimensions						PN 10 / ISO S-5 / SDR 11		
[mm]	[inch]	s	l	l ₁	l ₂	d _m	b	Agru Code	Asahi Part #	Weight (lbs)
32	1"	0.075	4.724	0.984	1.547	2.520	1.181	024.0132.21	T.B.A.	0.32
50	1½"	0.118	5.197	0.984	1.575	3.504	1.378	024.0150.21	T.B.A.	0.66
63	2"	0.118	5.433	0.984	1.594	4.291	1.535	024.0163.21	T.B.A.	0.89

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UltraPro ANSI Stub End

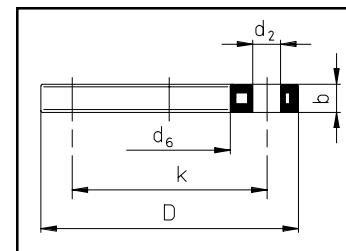
- IR/Butt Fusion
- Molded



OD		Dimensions					PN 10 / ISO S-10 / SDR 21			
[mm]	[inch]	d ₃	d ₄	l	h ₁	l ₃	Agru Code	Asahi Part #	s	Weight (lbs)
32	1"	1.575	2.500	1.969	0.276	1.024	012.1032.21	5514010	0.094	0.11
50	1½"	2.402	3.248	1.969	0.354	0.866	012.1050.21	5514015	0.118	0.18
63	2"	2.953	3.953	1.969	0.394	0.709	012.1063.21	5514020	0.118	0.29
90	3"	4.134	5.213	3.150	0.669	1.299	012.1090.21	5514030	0.169	0.73
110	4"	4.921	6.713	3.150	0.709	1.260	012.1110.21	5514040	0.209	0.99

PP ANSI Backing Ring

- with Steel Insert
- Molded from Pigmented PP

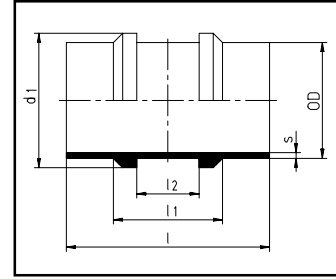


OD		Dimensions					up to a pressure rate of 16 bar acc. DIN 16962 part5				
[mm]	[inch]	D	k	d ₆	d ₂	b	Bolt Holes	Torque [ft/lbs]	Agru Code	Asahi Part #	Weight (lbs)
32	1"	4.488	3 1/8"	1.654	5/8"	0.630	4	11	013.0032.11	5046010	0.93
50	1½"	5.236	3 7/8"	2.441	5/8"	0.709	4	26	013.0050.11	5046015	1.32
63	2"	6.378	4 3/4"	3.071	3/4"	0.709	4	30	013.0063.11	5046020	1.92
90	3"	7.638	6"	4.370	3/4"	0.709	4	30	013.0090.11	5046030	2.43
110	4"	9.016	7 1/2"	5.236	3/4"	0.709	8	30	013.0110.11	5046040	3.57

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UltraPro Restraint Fitting

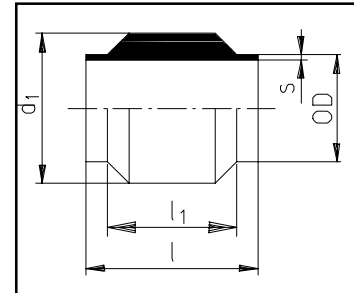
- IR/Butt Fusion
- Machined



OD		Dimensions				PN 10 / ISO S-5 / SDR 11			
[mm]	[inch]	d ₁	l	l ₁	l ₂	Agru Code	Asahi Part #	s (inch)	Weight (lbs)
32	1"	1.570	3.700	2.090	1.280	N/A	C.F.	0.094	C.F.
50	1½"	2.280	4.500	2.090	1.280	N/A	C.F.	0.118	C.F.
63	2"	2.800	4.500	1.970	1.200	N/A	C.F.	0.118	C.F.
90	3"	4.130	5.000	2.760	1.570	N/A	C.F.	0.169	C.F.
110	4"	5.000	5.000	2.760	2.380	N/A	C.F.	0.209	C.F.

UltraPro Instrumentation Fitting

- IR/Butt Fusion
- Machined



OD		Dimensions			PN 10 / ISO S-5 / SDR 11			
[mm]	[inch]	d ₁	l	l ₁	Agru Code	Asahi Part #	s (inch)	Weight (lbs)
32	1"	2.650	7.00	3.00	N/A	C.F.	0.094	C.F.
50	1½"	3.300	7.00	3.00	N/A	C.F.	0.118	C.F.
63	2"	3.800	7.00	3.00	N/A	C.F.	0.118	C.F.
90	3"	4.480	7.00	3.00	N/A	C.F.	0.169	C.F.
110	4"	5.000	7.00	3.00	N/A	C.F.	0.209	C.F.

- All Instrumentation Fittings are available with single or multiple threaded tap configurations to accommodate sampling and monitoring valves and probes. Please consult factory for details.

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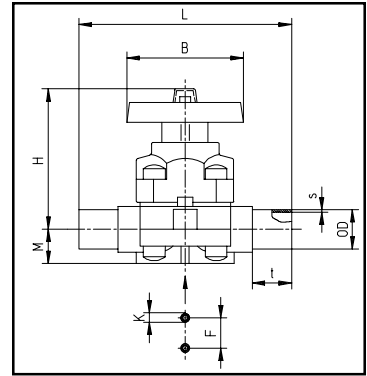
ASAHI/AMERICA
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REV A

UltraPro Type 342 Diaphragm Valve

- IR/Butt Fusion
- Manual Diaphragm Valve
EPDM Backed PTFE Diaphragm

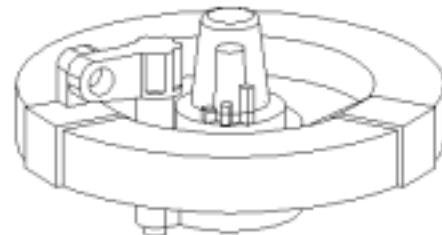


OD		Dimensions									PN 10 / ISO S-10 / SDR 21		
[mm]	[inch]	DN	s	t	B	H	M	F	K	L	Agru Code	Asahi Part #	Weight (lbs)
32	1"	25	0.094	1.417	3.346	4.213	0.827	0.957	M6	6.063	342.1032.21	C.F.	1.57
50	1½"	40	0.118	1.811	5.315	5.669	1.299	1.732	M8	7.638	342.1050.21	C.F.	3.75
63	2"	50	0.118	1.811	5.315	6.693	1.575	1.732	M8	8.819	342.1063.21	C.F.	5.42

OD		Cv at Percent (%) Open			
[mm]	[inch]	25%	50%	75%	100%
32	1"	7.70	12.32	14.70	15.47
50	1½"	17.50	28.00	33.25	35.00
63	2"	30.66	48.65	58.17	61.25

Unique Handle Design:

- Integral Locking Handle can be locked in multiple positions to prevent unauthorized cycling
- Locking Handle spring loaded for easy locking/unlocking
- Position indication for 25%, 50% and 75% open positions



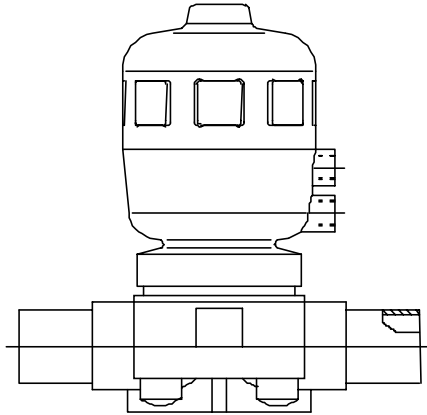
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UltraPro Type 342 Diaphragm Valve Options

● Pneumatic Actuators

For Type 342 Valves

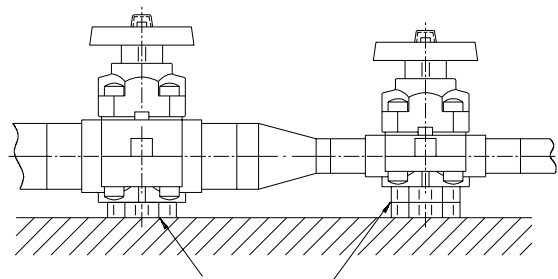
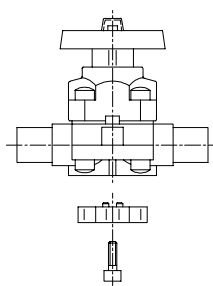
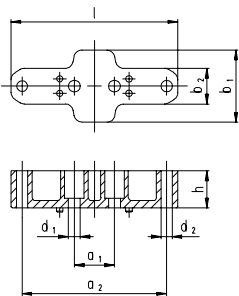
Available Normally Open, Normally Closed or Double Acting



● Mounting Plates

For Type 342 Valves

Converts Diaphragm Valves to Fixed Anchors



Single or Multiple Mounting Pad Installation

Please consult factory for additional details on listed options

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