



**BG Industry sp. z o.o.**

TOGETHER WE ARE STRONGER  
TOGETHER WE ARE STRONGER

PRODUCT CATALOG



## About us...

*BGIndustry deals in the production, service on finished products and the sale of high-quality heat-shrinkable products used for the production of modern pre-insulated pipe systems for the needs of the heating, refrigeration and industrial sectors.*

*Our machine park is new and modern production equipment.  
BGIndustry's offer includes standard products and products manufactured to customer's special order - in accordance with the mutually developed technical specification.*

*In addition to production and sales, we provide our clients with consultancy and consulting services.*

*We offer thermo-shrinkable couplings, heat-shrinkable reducers and reduction butt-welded couplers, final muffs, special couplings (eg Tee-joints) and valves. Diameter range (at present) from DN 90 - DN 450.*

*For the production of our products we use PEPE HDPE high density polyethylene.*

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# 1. SHRINK SLEEVE (L:500 - L:700)



# Shrink Sleeve black

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1000903005010	90	3,0	500	1000903007010	90	3,0	700
1001103005010	110	3,0	500	1001103007010	110	3,0	700
1001253005010	125	3,0	500	1001253007010	125	3,0	700
1001403005010	140	3,0	500	1001403007010	140	3,0	700
1001603005010	160	3,0	500	1001603007010	160	3,0	700
1001803005010	180	3,0	500	1001803007010	180	3,0	700
1002003205010	200	3,2	500	1002003207010	200	3,2	700
1002253405010	225	3,4	500	1002253407010	225	3,4	700
1002503605010	250	3,6	500	1002503607010	250	3,6	700
1002803905010	280	3,9	500	1002803907010	280	3,9	700
1003154505010	315	4,5	500	1003154507010	315	4,5	700
1003554505010	355	4,5	500	1003554507010	355	4,5	700
1004004905010	400	4,9	500	1004004907010	400	4,9	700
1004505005010	450	5,0	500	1004505007010	450	5,0	700
1000903006010	90	3,0	600				
1001103006010	110	3,0	600				
1001253006010	125	3,0	600				
1001403006010	140	3,0	600				
1001603006010	160	3,0	600				
1001803006010	180	3,0	600				
1002003206010	200	3,2	600				
1002253406010	225	3,4	600				
1002503606010	250	3,6	600				
1002803906010	280	3,9	600				
1003154506010	315	4,5	600				
1003554506010	355	4,5	600				
1004004906010	400	4,9	600				
1004505006010	450	5,0	600				

# Shrink Sleeve w/foil

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1100903005011	90	3,0	500	1100903007011	90	3,0	700
1101103005011	110	3,0	500	1101103007011	110	3,0	700
1101253005011	125	3,0	500	1101253007011	125	3,0	700
1101403005011	140	3,0	500	1101403007011	140	3,0	700
1101603005011	160	3,0	500	1101603007011	160	3,0	700
1101803005011	180	3,0	500	1101803007011	180	3,0	700
1102003205011	200	3,2	500	1102003207011	200	3,2	700
1102253405011	225	3,4	500	1102253407011	225	3,4	700
1102503605011	250	3,6	500	1102503607011	250	3,6	700
1102803905011	280	3,9	500	1102803907011	280	3,9	700
1103154505011	315	4,5	500	1103154507011	315	4,5	700
1103554505011	355	4,5	500	1103554507011	355	4,5	700
1104004905011	400	4,9	500	1104004907011	400	4,9	700
				1104505007011	450	5,0	700
1100903006011	90	3,0	600				
1101103006011	110	3,0	600				
1101253006011	125	3,0	600				
1101403006011	140	3,0	600				
1101603006011	160	3,0	600				
1101803006011	180	3,0	600				
1102003206011	200	3,2	600				
1102253406011	225	3,4	600				
1102503606011	250	3,6	600				
1102803906011	280	3,9	600				
1103154506011	315	4,5	600				
1103554506011	355	4,5	600				
1104004906011	400	4,9	600				

# Shrink Sleeve w/foil and manchette

Item	Dimension	Wall	Lenght	Lenght TPSM	Item	Dimension	Wall	Lenght	Lenght TPSM
1200903005014	90	3,0	500	150	1200903007014	90	3,0	700	150
1201103005014	110	3,0	500	150	1201103007014	110	3,0	700	150
1201253005014	125	3,0	500	150	1201253007014	125	3,0	700	150
1201403005014	140	3,0	500	150	1201403007014	140	3,0	700	150
1201603005014	160	3,0	500	150	1201603007014	160	3,0	700	150
1201803005014	180	3,0	500	150	1201803007014	180	3,0	700	150
1202003205014	200	3,2	500	150	1202003207014	200	3,2	700	150
1202253405014	225	3,4	500	150	1202253407014	225	3,4	700	150
1202503605014	250	3,6	500	150	1202503607014	250	3,6	700	150
1202803905014	280	3,9	500	150	1202803907014	280	3,9	700	150
1203154505014	315	4,5	500	150	1203154507014	315	4,5	700	225
					1203554507014	355	4,5	700	225
1200903006014	90	3,0	600	150	1204004907014	400	4,9	700	225
1201103006014	110	3,0	600	150					
1201253006014	125	3,0	600	150					
1201403006014	140	3,0	600	150					
1201603006014	160	3,0	600	150					
1201803006014	180	3,0	600	150					
1202003206014	200	3,2	600	150					
1202253406014	225	3,4	600	150					
1202503606014	250	3,6	600	150					
1202803906014	280	3,9	600	150					
1203154506014	315	4,5	600	150					



## Shrink Sleeve w/foil and mastic loose

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1300903005022	90	3,0	500	1300903007022	90	3,0	700
1301103005022	110	3,0	500	1301103007022	110	3,0	700
1301253005022	125	3,0	500	1301253007022	125	3,0	700
1301403005022	140	3,0	500	1301403007022	140	3,0	700
1301603005022	160	3,0	500	1301603007022	160	3,0	700
1301803005022	180	3,0	500	1301803007022	180	3,0	700
1302003205022	200	3,2	500	1302003207022	200	3,2	700
1302253405022	225	3,4	500	1302253407022	225	3,4	700
1302503605022	250	3,6	500	1302503607022	250	3,6	700
1302803905022	280	3,9	500	1302803907022	280	3,9	700
1303154505022	315	4,5	500	1303154507022	315	4,5	700
1303554505022	355	4,5	500	1303554507022	355	4,5	700
1304004905022	400	4,9	500	1304004907022	400	4,9	700
1300903006022	90	3,0	600				
1301103006022	110	3,0	600				
1301253006022	125	3,0	600				
1301403006022	140	3,0	600				
1301603006022	160	3,0	600				
1301803006022	180	3,0	600				
1302003206022	200	3,2	600				
1302253406022	225	3,4	600				
1302503606022	250	3,6	600				
1302803906022	280	3,9	600				
1303154506022	315	4,5	600				
1303554506022	355	4,5	600				
1304004906022	400	4,9	600				

## Shrink Sleeve w/foil and mastic integrated

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1300903005012	90	3,0	500	1300903007012	90	3,0	700
1301103005012	110	3,0	500	1301103007012	110	3,0	700
1301253005012	125	3,0	500	1301253007012	125	3,0	700
1301403005012	140	3,0	500	1301403007012	140	3,0	700
1301603005012	160	3,0	500	1301603007012	160	3,0	700
1301803005012	180	3,0	500	1301803007012	180	3,0	700
1302003205012	200	3,2	500	1302003207012	200	3,2	700
1302253405012	225	3,4	500	1302253407012	225	3,4	700
1302503605012	250	3,6	500	1302503607012	250	3,6	700
1302803905012	280	3,9	500	1302803907012	280	3,9	700
1303154505012	315	4,5	500	1303154507012	315	4,5	700
1303554505012	355	4,5	500	1303554507012	355	4,5	700
1304004905012	400	4,9	500	1304004907012	400	4,9	700
1300903006012	90	3,0	600				
1301103006012	110	3,0	600				
1301253006012	125	3,0	600				
1301403006012	140	3,0	600				
1301603006012	160	3,0	600				
1301803006012	180	3,0	600				
1302003206012	200	3,2	600				
1302253406012	225	3,4	600				
1302503606012	250	3,6	600				
1302803906012	280	3,9	600				
1303154506012	315	4,5	600				
1303554506012	355	4,5	600				
1304004906012	400	4,9	600				

# Shrink Sleeve w/foil, mastic loose and 2 holes

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1400903005022	90	3,0	500	1400903007022	90	3,0	700
1401103005022	110	3,0	500	1401103007022	110	3,0	700
1401253005022	125	3,0	500	1401253007022	125	3,0	700
1401403005022	140	3,0	500	1401403007022	140	3,0	700
1401603005022	160	3,0	500	1401603007022	160	3,0	700
1401803005022	180	3,0	500	1401803007022	180	3,0	700
1402003205022	200	3,2	500	1402003207022	200	3,2	700
1402253405022	225	3,4	500	1402253407022	225	3,4	700
1402503605022	250	3,6	500	1402503607022	250	3,6	700
1402803905022	280	3,9	500	1402803907022	280	3,9	700
1403154505022	315	4,5	500	1403154507022	315	4,5	700
1403554505022	355	4,5	500	1403554507022	355	4,5	700
1404004905022	400	4,9	500	1404004907022	400	4,9	700
				1404505007022	450	5,0	700
1400903006022	90	3,0	600				
1401103006022	110	3,0	600				
1401253006022	125	3,0	600				
1401403006022	140	3,0	600				
1401603006022	160	3,0	600				
1401803006022	180	3,0	600				
1402003206022	200	3,2	600				
1402253406022	225	3,4	600				
1402503606022	250	3,6	600				
1402803906022	280	3,9	600				
1403154506022	315	4,5	600				
1403554506022	355	4,5	600				
1404004906022	400	4,9	600				
1404505006022	450	5,0	600				

## Shrink Sleeve w/foil, mastic integrated and 2 holes

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1400903005012	90	3,0	500	1400903007012	90	3,0	700
1401103005012	110	3,0	500	1401103007012	110	3,0	700
1401253005012	125	3,0	500	1401253007012	125	3,0	700
1401403005012	140	3,0	500	1401403007012	140	3,0	700
1401603005012	160	3,0	500	1401603007012	160	3,0	700
1401803005012	180	3,0	500	1401803007012	180	3,0	700
1402003205012	200	3,2	500	1402003207012	200	3,2	700
1402253405012	225	3,4	500	1402253407012	225	3,4	700
1402503605012	250	3,6	500	1402503607012	250	3,6	700
1402803905012	280	3,9	500	1402803907012	280	3,9	700
1403154505012	315	4,5	500	1403154507012	315	4,5	700
1403554505012	355	4,5	500	1403554507012	355	4,5	700
1404004905012	400	4,9	500	1404004907012	400	4,9	700
				1404505007012	450	5,0	700
1400903006012	90	3,0	600				
1401103006012	110	3,0	600				
1401253006012	125	3,0	600				
1401403006012	140	3,0	600				
1401603006012	160	3,0	600				
1401803006012	180	3,0	600				
1402003206012	200	3,2	600				
1402253406012	225	3,4	600				
1402503606012	250	3,6	600				
1402803906012	280	3,9	600				
1403154506012	315	4,5	600				
1403554506012	355	4,5	600				
1404004906012	400	4,9	600				
1404505006012	450	5,0	600				

# Shrink Sleeve BG/1 w/foil, manchette and mastic integrated

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1500903005015	90	3,0	500	1500903007015	90	3,0	700
1501103005015	110	3,0	500	1501103007015	110	3,0	700
1501253005015	125	3,0	500	1501253007015	125	3,0	700
1501403005015	140	3,0	500	1501403007015	140	3,0	700
1501603005015	160	3,0	500	1501603007015	160	3,0	700
1501803005015	180	3,0	500	1501803007015	180	3,0	700
1502003205015	200	3,2	500	1502003207015	200	3,2	700
1502253405015	225	3,4	500	1502253407015	225	3,4	700
1502503605015	250	3,6	500	1502503607015	250	3,6	700
1502803905015	280	3,9	500	1502803907015	280	3,9	700
1503154505015	315	4,5	500	1503154507015	315	4,5	700
1503554505015	355	4,5	500	1503554507015	355	4,5	700
1504004905015	400	4,9	500	1504004907015	400	4,9	700
1500903006015	90	3,0	600				
1501103006015	110	3,0	600				
1501253006015	125	3,0	600				
1501403006015	140	3,0	600				
1501603006015	160	3,0	600				
1501803006015	180	3,0	600				
1502003206015	200	3,2	600				
1502253406015	225	3,4	600				
1502503606015	250	3,6	600				
1502803906015	280	3,9	600				
1503154506015	315	4,5	600				
1503554506015	355	4,5	600				
1504004906015	400	4,9	600				

## Sprink Sleeve BG12 w/foil, sprink film, mastic integrated and foam

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1600903005012	90	3,0	500	1600903007012	90	3,0	700
1601103005012	110	3,0	500	1601103007012	110	3,0	700
1601253005012	125	3,0	500	1601253007012	125	3,0	700
1601403005012	140	3,0	500	1601403007012	140	3,0	700
1601603005012	160	3,0	500	1601603007012	160	3,0	700
1601803005012	180	3,0	500	1601803007012	180	3,0	700
1602003205012	200	3,2	500	1602003207012	200	3,2	700
1602253405012	225	3,4	500	1602253407012	225	3,4	700
1602503605012	250	3,6	500	1602503607012	250	3,6	700
1602803905012	280	3,9	500	1602803907012	280	3,9	700
1603154505012	315	4,5	500	1603154507012	315	4,5	700
1603554505012	355	4,5	500	1603554507012	355	4,5	700
1604004905012	400	4,9	500	1604004907012	400	4,9	700
				1604505007012	450	5,0	700
				1605005807012	500	5,8	700
1600903006012	90	3,0	600				
1601103006012	110	3,0	600				
1601253006012	125	3,0	600				
1601403006012	140	3,0	600				
1601603006012	160	3,0	600				
1601803006012	180	3,0	600				
1602003206012	200	3,2	600				
1602253406012	225	3,4	600				
1602503606012	250	3,6	600				
1602803906012	280	3,9	600				
1603154506012	315	4,5	600				
1603554506012	355	4,5	600				
1604004906012	400	4,9	600				

## 2. Sprink Sleeve (L:800 - L:1400)



# Shrink Sleeve black

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1800903008010	90	3,0	800	1800903010010	90	3,0	1000
1801103008010	110	3,0	800	1801103010010	110	3,0	1000
1801253008010	125	3,0	800	1801253010010	125	3,0	1000
1801403008010	140	3,0	800	1801403010010	140	3,0	1000
1801603008010	160	3,0	800	1801603010010	160	3,0	1000
1801803008010	180	3,0	800	1801803010010	180	3,0	1000
1802003208010	200	3,2	800	1802003210010	200	3,2	1000
1802253408010	225	3,4	800	1802253410010	225	3,4	1000
1802503608010	250	3,6	800	1802503610010	250	3,6	1000
1802803908010	280	3,9	800	1802803910010	280	3,9	1000
1803154508010	315	4,5	800	1803154510010	315	4,5	1000
1803554508010	355	4,5	800	1803554510010	355	4,5	1000
1804004908010	400	4,9	800	1804004910010	400	4,9	1000
1804505008010	450	5,0	800	1804505010010	450	5,0	1000
1851103009010	110	3,0	900				
1851253009010	125	3,0	900				
1851403009010	140	3,0	900				
1852503609010	250	3,6	900				
1853154509010	315	4,5	900				
1853554509010	355	4,5	900				
1854004909010	400	4,9	900				



Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1800903012010	90	3,0	1200	1800903014010	90	3,0	1400
1801103012010	110	3,0	1200	1801103014010	110	3,0	1400
1801253012010	125	3,0	1200	1801253014010	125	3,0	1400
1801403012010	140	3,0	1200	1801403014010	140	3,0	1400
1801603012010	160	3,0	1200	1801603014010	160	3,0	1400
1801803012010	180	3,0	1200	1801803014010	180	3,0	1400
1802003212010	200	3,2	1200	1802003214010	200	3,2	1400
1802253412010	225	3,4	1200	1802253414010	225	3,4	1400
1802503612010	250	3,6	1200	1802503614010	250	3,6	1400
1802803912010	280	3,9	1200	1802803914010	280	3,9	1400
1803154512010	315	4,5	1200	1803154514010	315	4,5	1400
1803554512010	355	4,5	1200	1803554514010	355	4,5	1400
1804004912010	400	4,9	1200	1804004914010	400	4,9	1400
1804505012010	450	5,0	1200	1804505014010	450	5,0	1400

# Shrink Sleeve black in bigger wall thickness

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1810904008010	90	4,0	800	1810904012010	90	4,0	1200
1811104008010	110	4,0	800	1811104012010	110	4,0	1200
1811254108010	125	4,1	800	1811254112010	125	4,1	1200
1811404008010	140	4,5	800	1811404512010	140	4,5	1200
1811605008010	160	5,0	800	1811605012010	160	5,0	1200
1811805008010	180	5,0	800	1811805012010	180	5,0	1200
				1812005012010	200	5,0	1200
1810904008810	90	4,0	880	1812255512010	225	5,5	1200
				1812506112010	250	6,1	1200
1810904009010	90	4,0	900	1812806912010	280	6,9	1200
1811104009010	110	4,0	900				
1811254109010	125	4,1	900	1810904014010	90	4,0	1400
1811404009010	140	4,5	900	1811104014010	110	4,0	1400
1811605009010	160	5,0	900	1811254114010	125	4,1	1400
1811805009010	180	5,0	900	1811404514010	140	5,0	1400
				1811605014010	160	5,0	1400
1810904010010	90	4,0	1000	1811805014010	180	5,0	1400
1811104010010	110	4,0	1000	1812005014010	200	5,0	1400
1811254110010	125	4,1	1000	1812255514010	225	5,5	1400
1811404510010	140	4,5	1000	1812506114010	250	6,1	1400
1811605010010	160	5,0	1000	1812806914010	280	6,9	1400
1811805010010	180	5,0	1000	1813157714010	315	7,7	1400
1812005010010	200	5,0	1000				
1811254111010	125	4,1	1100				
1811404011010	140	4,5	1100				
1811605011010	160	5,0	1100				
1811805011010	180	5,0	1100				

Item	Dimension	Wall	Lenght
1811104010510	110	4,0	1050
1811254110510	125	4,1	1050
1811404510510	140	4,5	1050
1811605010510	160	5,0	1050
1811805010510	180	5,0	1050
1812005010510	200	5,0	1050
1812255510510	225	5,5	1050
1812506110510	250	6,1	1050
1812806910510	280	6,9	1050

# Shrink Sleeve w/foil

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1900903008011	90	3,0	800	1900903012011	90	3,0	1200
1901103008011	110	3,0	800	1901103012011	110	3,0	1200
1901253008011	125	3,0	800	1901253012011	125	3,0	1200
1901403008011	140	3,0	800	1901403012011	140	3,0	1200
1901603008011	160	3,0	800	1901603012011	160	3,0	1200
1901803008011	180	3,0	800	1901803012011	180	3,0	1200
1902003208011	200	3,2	800	1902003212011	200	3,2	1200
1902253408011	225	3,4	800	1902253412011	225	3,4	1200
1902503608011	250	3,6	800	1902503612011	250	3,6	1200
1902803908011	280	3,9	800	1902803912011	280	3,9	1200
1903154508011	315	4,5	800	1903154512011	315	4,5	1200
1903554508011	355	4,5	800	1903554512011	355	4,5	1200
1904004908011	400	4,9	800	1904004912011	400	4,9	1200
1904505008011	450	5,0	800	1904505012011	450	5,0	1200
1900903010011	90	3,0	1000	1900903014011	90	3,0	1400
1901103010011	110	3,0	1000	1901103014011	110	3,0	1400
1901253010011	125	3,0	1000	1901253014011	125	3,0	1400
1901403010011	140	3,0	1000	1901403014011	140	3,0	1400
1901603010011	160	3,0	1000	1901603014011	160	3,0	1400
1901803010011	180	3,0	1000	1901803014011	180	3,0	1400
1902003210011	200	3,2	1000	1902003214011	200	3,2	1400
1902253410011	225	3,4	1000	1902253414011	225	3,4	1400
1902503610011	250	3,6	1000	1902503614011	250	3,6	1400
1902803910011	280	3,9	1000	1902803914011	280	3,9	1400
1903154510011	315	4,5	1000	1903154514011	315	4,5	1400
1903554510011	355	4,5	1000	1903554514011	355	4,5	1400
1904004910011	400	4,9	1000	1904004914011	400	4,9	1400
1904505010011	450	5,0	1000	1904505014011	450	5,0	1400

Item	Dimension	Wall	Lenght
1900903008811	90	3,0	880
1901103008811	110	3,0	880
1901253008811	125	3,0	880
1901403009511	140	3,0	950
1901603009511	160	3,0	950
1901803009511	180	3,0	950
1902003210811	200	3,2	1080
1902253410811	225	3,4	1080
1902503610811	250	3,6	1080
1902803910811	280	3,9	1080
1903154511211	315	4,5	1120
1903554511211	355	4,5	1120
1904004912611	400	4,9	1260

## Shrink Sleeve w/foil and mastic integrated

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1940903008012	90	3,0	800	1940903012012	90	3,0	1200
1941103008012	110	3,0	800	1941103012012	110	3,0	1200
1941253008012	125	3,0	800	1941253012012	125	3,0	1200
1941403008012	140	3,0	800	1941403012012	140	3,0	1200
1941603008012	160	3,0	800	1941603012012	160	3,0	1200
1941803008012	180	3,0	800	1941803012012	180	3,0	1200
1942003208012	200	3,2	800	1942003212012	200	3,2	1200
1942253408012	225	3,4	800	1942253412012	225	3,4	1200
1942503608012	250	3,6	800	1942503612012	250	3,6	1200
1942803908012	280	3,9	800	1942803912012	280	3,9	1200
1943154508012	315	4,5	800	1943154512012	315	4,5	1200
1943554508012	355	4,5	800	1943554512012	355	4,5	1200
1944004908012	400	4,9	800	1944004912012	400	4,9	1200
				1944505012012	450	5,0	1200
1940903010012	90	3,0	1000				
1941103010012	110	3,0	1000	1940903014012	90	3,0	1400
1941253010012	125	3,0	1000	1941103014012	110	3,0	1400
1941403010012	140	3,0	1000	1941253014012	125	3,0	1400
1941603010012	160	3,0	1000	1941403014012	140	3,0	1400
1941803010012	180	3,0	1000	1941603014012	160	3,0	1400
1942003210012	200	3,2	1000	1941803014012	180	3,0	1400
1942253410012	225	3,4	1000	1942003214012	200	3,2	1400
1942503610012	250	3,6	1000	1942253414012	225	3,4	1400
1942803910012	280	3,9	1000	1942503614012	250	3,6	1400
1943154510012	315	4,5	1000	1942803914012	280	3,9	1400
1943554510012	355	4,5	1000	1943154514012	315	4,5	1400
1944004910012	400	4,9	1000	1943554514012	355	4,5	1400
1944505010012	450	5,0	1000	1944004914012	400	4,9	1400
				1944505014012	450	5,0	1400

Item	Dimension	Wall	Lenght
1940903008812	90	3,0	880
1941103008812	110	3,0	880
1941253008812	125	3,0	880
1941403009512	140	3,0	950
1941603009512	160	3,0	950
1941803009512	180	3,0	950
1942003210812	200	3,2	1080
1942253410812	225	3,4	1080
1942503610812	250	3,6	1080
1942803910812	280	3,9	1080
1943154511212	315	4,5	1120
1943554511212	355	4,5	1120
1944004912612	400	4,9	1260

## Shrink Sleeve bigger wall thickness w/foil and mastic integrated

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
1950904008012	90	4,0	800	1950904012012	90	4,0	1200
1951104008012	110	4,0	800	1951104012012	110	4,0	1200
1951254108012	125	4,1	800	1951254112012	125	4,1	1200
1951404508012	140	4,5	800	1951404512012	140	4,5	1200
1951605008012	160	5,0	800	1951605012012	160	5,0	1200
1951805008012	180	5,0	800	1951805012012	180	5,0	1200
1952005008012	200	5,0	800	1952005012012	200	5,0	1200
1952255508012	225	5,5	800	1952255512012	225	5,5	1200
1952506108012	250	6,1	800	1952506112012	250	6,1	1200
1952806908012	280	6,9	800	1952806912012	280	6,9	1200
1953157708012	315	7,7	800	1953157712012	315	7,7	1200
1950904010012	90	4,0	1000	1950904014012	90	4,0	1400
1951104010012	110	4,0	1000	1951104014012	110	4,0	1400
1951254110012	125	4,1	1000	1951254114012	125	4,1	1400
1951404510012	140	4,5	1000	1951404514012	140	4,5	1400
1951605010012	160	5,0	1000	1951605014012	160	5,0	1400
1951805010012	180	5,0	1000	1951805014012	180	5,0	1400
1952005010012	200	5,0	1000	1952005014012	200	5,0	1400
1952255510012	225	5,5	1000	1952255514012	225	5,5	1400
1952506110012	250	6,1	1000	1952506114012	250	6,1	1400
1952806910012	280	6,9	1000	1952806914012	280	6,9	1400
1953157710012	315	7,7	1000	1953157714012	315	7,7	1400



### 3. End Sleeve

# End sleeve sprinkable

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
2600903005010	90	3,0	500	2600903007010	90	3,0	700
2601103005010	110	3,0	500	2601103007010	110	3,0	700
2601253005010	125	3,0	500	2601253007010	125	3,0	700
2601403005010	140	3,0	500	2601403007010	140	3,0	700
2601603005010	160	3,0	500	2601603007010	160	3,0	700
2601803005010	180	3,0	500	2601803007010	180	3,0	700
2602003205010	200	3,2	500	2602003207010	200	3,2	700
2602253405010	225	3,4	500	2602253407010	225	3,4	700
2602503605010	250	3,6	500	2602503607010	250	3,6	700
2602803905010	280	3,9	500	2602803907010	280	3,9	700
2603154505010	315	4,5	500	2603154507010	315	4,5	700
2603554505010	355	4,5	500	2603554507010	355	4,5	700
2604004905010	400	4,9	500	2604004907010	400	4,9	700
2604505005030	450	5,0	500	2604505007030	450	5,0	700
2600903006010	90	3,0	600				
2601103006010	110	3,0	600				
2601253006010	125	3,0	600				
2601403006010	140	3,0	600				
2601603006010	160	3,0	600				
2601803006010	180	3,0	600				
2602003206010	200	3,2	600				
2602253406010	225	3,4	600				
2602503606010	250	3,6	600				
2602803906010	280	3,9	600				
2603154506010	315	4,5	600				
2603554506010	355	4,5	600				
2604004906010	400	4,9	600				
2604505006030	450	5,0	600				

# End sleeve shrinkable w/foil

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
2600903005011	90	3,0	500	2600903007011	90	3,0	700
2601103005011	110	3,0	500	2601103007011	110	3,0	700
2601253005011	125	3,0	500	2601253007011	125	3,0	700
2601403005011	140	3,0	500	2601403007011	140	3,0	700
2601603005011	160	3,0	500	2601603007011	160	3,0	700
2601803005011	180	3,0	500	2601803007011	180	3,0	700
2602003205011	200	3,2	500	2602003207011	200	3,2	700
2602253405011	225	3,4	500	2602253407011	225	3,4	700
2602503605011	250	3,6	500	2602503607011	250	3,6	700
2602803905011	280	3,9	500	2602803907011	280	3,9	700
2603154505011	315	4,5	500	2603154507011	315	4,5	700
2603554505011	355	4,5	500	2603554507011	355	4,5	700
2604004905011	400	4,9	500	2604004907011	400	4,9	700
2600903006011	90	3,0	600				
2601103006011	110	3,0	600				
2601253006011	125	3,0	600				
2601403006011	140	3,0	600				
2601603006011	160	3,0	600				
2601803006011	180	3,0	600				
2602003206011	200	3,2	600				
2602253406011	225	3,4	600				
2602503606011	250	3,6	600				
2602803906011	280	3,9	600				
2603154506011	315	4,5	600				
2603554506011	355	4,5	600				
2604004906011	400	4,9	600				

## End sleeve shrinkable w/foil and mastic integrated

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
2600903005012	90	3,0	500	2600903007012	90	3,0	700
2601103005012	110	3,0	500	2601103007012	110	3,0	700
2601253005012	125	3,0	500	2601253007012	125	3,0	700
2601403005012	140	3,0	500	2601403007012	140	3,0	700
2601603005012	160	3,0	500	2601603007012	160	3,0	700
2601803005012	180	3,0	500	2601803007012	180	3,0	700
2602003205012	200	3,2	500	2602003207012	200	3,2	700
2602253405012	225	3,4	500	2602253407012	225	3,4	700
2602503605012	250	3,6	500	2602503607012	250	3,6	700
2602803905012	280	3,9	500	2602803907012	280	3,9	700
2603154505012	315	4,5	500	2603154507012	315	4,5	700
2603554505012	355	4,5	500	2603554507012	355	4,5	700
2604004905012	400	4,9	500	2604004907012	400	4,9	700
2600903006012	90	3,0	600				
2601103006012	110	3,0	600				
2601253006012	125	3,0	600				
2601403006012	140	3,0	600				
2601603006012	160	3,0	600				
2601803006012	180	3,0	600				
2602003206012	200	3,2	600				
2602253406012	225	3,4	600				
2602503606012	250	3,6	600				
2602803906012	280	3,9	600				
2603154506012	315	4,5	600				
2603554506012	355	4,5	600				
2604004906012	400	4,9	600				

# End sleeve sprinkable w/foil and manchette

Item	Dimension	Wall	Lenght	Lenght TPSM	Item	Dimension	Wall	Lenght	Lenght TPSM
2600903005014	90	3,0	500	150	2600903007014	90	3,0	700	150
2601103005014	110	3,0	500	150	2601103007014	110	3,0	700	150
2601253005014	125	3,0	500	150	2601253007014	125	3,0	700	150
2601403005014	140	3,0	500	150	2601403007014	140	3,0	700	150
2601603005014	160	3,0	500	150	2601603007014	160	3,0	700	150
2601803005014	180	3,0	500	150	2601803007014	180	3,0	700	150
2602003205014	200	3,2	500	150	2602003207014	200	3,2	700	150
2602253405014	225	3,4	500	150	2602253407014	225	3,4	700	150
2602503605014	250	3,6	500	150	2602503607014	250	3,6	700	150
2602803905014	280	3,9	500	150	2602803907014	280	3,9	700	150
2603154505014	315	4,5	500	150	2603154507014	315	4,5	700	150
2603154505141	315	4,5	500	225	2603154507141	315	4,5	700	225
2603554505014	355	4,5	500	225	2603554507014	355	4,5	700	225
2604004905014	400	4,9	500	225	2604004907014	400	4,9	700	225
2600903006014	90	3,0	600	150					
2601103006014	110	3,0	600	150					
2601253006014	125	3,0	600	150					
2601403006014	140	3,0	600	150					
2601603006014	160	3,0	600	150					
2601803006014	180	3,0	600	150					
2602003206014	200	3,2	600	150					
2602253406014	225	3,4	600	150					
2602503606014	250	3,6	600	150					
2602803906014	280	3,9	600	150					
2603154506014	315	4,5	600	150					
2603154506141	315	4,5	600	225					
2603554506014	355	4,5	600	225					
2604004907014	400	4,9	600	225					

## End sleeve shrinkable w/foil, mastic integrated and manchette

Item	Dimension	Wall	Lenght	Lenght TPSM	Item	Dimension	Wall	Lenght	Lenght TPSM
2600903005015	90	3,0	500	150	2600903007015	90	3,0	700	150
2601103005015	110	3,0	500	150	2601103007015	110	3,0	700	150
2601253005015	125	3,0	500	150	2601253007015	125	3,0	700	150
2601403005015	140	3,0	500	150	2601403007015	140	3,0	700	150
2601603005015	160	3,0	500	150	2601603007015	160	3,0	700	150
2601803005015	180	3,0	500	150	2601803007015	180	3,0	700	150
2602003205015	200	3,2	500	150	2602003207015	200	3,2	700	150
2602253405015	225	3,4	500	150	2602253407015	225	3,4	700	150
2602503605015	250	3,6	500	150	2602503607015	250	3,6	700	150
2602803905015	280	3,9	500	150	2602803907015	280	3,9	700	150
2603154505015	315	4,5	500	150	2603154507015	315	4,5	700	150
2603554505015	355	4,5	500	225	2603554507015	355	4,5	700	225
2604004905015	400	4,9	500	225	2604004907015	400	4,9	700	225
2600903006015	90	3,0	600	150					
2601103006015	110	3,0	600	150					
2601253006015	125	3,0	600	150					
2601403006015	140	3,0	600	150					
2601603006015	160	3,0	600	150					
2601803006015	180	3,0	600	150					
2602003206015	200	3,2	600	150					
2602253406015	225	3,4	600	150					
2602503606015	250	3,6	600	150					
2602803906015	280	3,9	600	150					
2603154506015	315	4,5	600	150					
2603554506015	355	4,5	600	225					
2604004907015	400	4,9	600	225					

## End fittings w/screw cap

Item	Dimension	Wall	Lenght
2801103005011	110	3,0	500
2801103010011	110	3,0	1000
2801103015011	110	3,0	1500
2801253005011	125	3,0	500
2801253010011	125	3,0	1000
2801403005011	140	3,0	500
2801403010011	140	3,0	1000
2801603005011	160	3,0	500
2801603010011	160	3,0	1000

## 4. Reduction Sprink Sleeve





# Reduction Shrink Sleeve welding black

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
30009011007010	90/110	3,0	700	30009011008010	90/110	3,0	800
30009012507010	90/125	3,0	700	30009012508010	90/125	3,0	800
30009014007010	90/140	3,0	700	30009014008010	90/140	3,0	800
30011012507010	110/125	3,0	700	30011012508010	110/125	3,0	800
30011014007010	110/140	3,0	700	30011014008010	110/140	3,0	800
30011016007010	110/160	3,0	700	30011016008010	110/160	3,0	800
30012514007010	125/140	3,0	700	30012514008010	125/140	3,0	800
30012516007010	125/160	3,0	700	30012516008010	125/160	3,0	800
30012518007010	125/180	3,0	700	30012518008010	125/180	3,0	800
30014016007010	140/160	3,0	700	30014016008010	140/160	3,0	800
30014018007010	140/180	3,0	700	30014018008010	140/180	3,0	800
30014020007010	140/200	3,0	700	30014020008010	140/200	3,0	800
30016018007010	160/180	3,0	700	30016018008010	160/180	3,0	800
30016020007010	160/200	3,0	700	30016020008010	160/200	3,0	800
30016022507010	160/225	3,0	700	30016022508010	160/225	3,0	800
30018020007010	180/200	3,0	700	30018020008010	180/200	3,0	800
30018022507010	180/225	3,0	700	30018022508010	180/225	3,0	800
30018025007010	180/250	3,0	700	30018025008010	180/250	3,0	800
30020022507010	200/225	3,2	700	30020022508010	200/225	3,2	800
30020025007010	200/250	3,2	700	30020025008010	200/250	3,2	800
30020028007010	200/280	3,2	700	30020028008010	200/280	3,2	800
30022525007010	225/250	3,4	700	30022525008010	225/250	3,4	800
30022528007010	225/280	3,4	700	30022528008010	225/280	3,4	800
30022531507010	225/315	3,4	700	30022531508010	225/315	3,4	800
30025028007010	250/280	3,6	700	30025028008010	250/280	3,6	800
30025031507010	250/315	3,6	700	30025031508010	250/315	3,6	800
30028035507010	250/355	3,6	700	30028035508010	250/355	3,6	800
30028031507010	280/315	3,9	700	30028031508010	280/315	3,9	800
30028035507010	280/355	3,9	700	30028035508010	280/355	3,9	800
30028040007010	280/400	3,9	700	30028040008010	280/400	3,9	800
30031535507010	315/355	4,5	700	30031535508010	315/355	4,5	800
30031540007010	315/400	4,5	700	30031540008010	315/400	4,5	800
30035540007010	355/400	4,9	700	30035540008010	355/400	4,9	800
30035545007010	355/450	4,9	700	30035545008010	355/450	4,9	800
30040045007010	400/450	5,0	700	30040045008010	400/450	5,0	800

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
30009011009010	90/110	3,0	900	30009011010010	90/110	3,0	1000
30009012509010	90/125	3,0	900	30009012510010	90/125	3,0	1000
30009014009010	90/140	3,0	900	30009014010010	90/140	3,0	1000
30011012509010	110/125	3,0	900	30011012510010	110/125	3,0	1000
30011014009010	110/140	3,0	900	30011014010010	110/140	3,0	1000
30011016009010	110/160	3,0	900	30011016010010	110/160	3,0	1000
30012514009010	125/140	3,0	900	30012514010010	125/140	3,0	1000
30012516009010	125/160	3,0	900	30012516010010	125/160	3,0	1000
30012518009010	125/180	3,0	900	30012518010010	125/180	3,0	1000
30014016009010	140/160	3,0	900	30014016010010	140/160	3,0	1000
30014018009010	140/180	3,0	900	30014018010010	140/180	3,0	1000
30014020009010	140/200	3,0	900	30014020010010	140/200	3,0	1000
30016018009010	160/180	3,0	900	30016018010010	160/180	3,0	1000
30016020009010	160/200	3,0	900	30016020010010	160/200	3,0	1000
30016022509010	160/225	3,0	900	30016022510010	160/225	3,0	1000
30018020009010	180/200	3,0	900	30018020010010	180/200	3,0	1000
30018022509010	180/225	3,0	900	30018022510010	180/225	3,0	1000
30018025009010	180/250	3,0	900	30018025010010	180/250	3,0	1000
30020022509010	200/225	3,2	900	30020022510010	200/225	3,2	1000
30020025009010	200/250	3,2	900	30020025010010	200/250	3,2	1000
30020028009010	200/280	3,2	900	30020028010010	200/280	3,2	1000
30022525009010	225/250	3,4	900	30022525010010	225/250	3,4	1000
30022528009010	225/280	3,4	900	30022528010010	225/280	3,4	1000
30022531509010	225/315	3,4	900	30022531510010	225/315	3,4	1000
30025028009010	250/280	3,6	900	30025028010010	250/280	3,6	1000
30025031509010	250/315	3,6	900	30025031510010	250/315	3,6	1000
30028035509010	250/355	3,6	900	30028035510010	250/355	3,6	1000
30028031509010	280/315	3,9	900	30028031510010	280/315	3,9	1000
30028035509010	280/355	3,9	900	30028035510010	280/355	3,9	1000
30028040009010	280/400	3,9	900	30028040010010	280/400	3,9	1000
30031535509010	315/355	4,5	900	30031535510010	315/355	4,5	1000
30031540009010	315/400	4,5	900	30031540010010	315/400	4,5	1000
30035540009010	355/400	4,9	900	30035540010010	355/400	4,9	1000
30035545009010	355/450	4,9	900	30035545010010	355/450	4,9	1000
30040045009010	400/450	5,0	900	30040045010010	400/450	5,0	1000

# Reduction Shrink Sleeve straight black

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
31014016007010	140/160	3,0	700	31014016009010	140/160	3,0	900
31016018007010	160/180	3,0	700	31016018009010	160/180	3,0	900
31018020007010	180/200	3,0	700	31018020009010	180/200	3,0	900
31020022507010	200/225	3,2	700	31020022509010	200/225	3,2	900
31022525007010	225/250	3,4	700	31022525009010	225/250	3,4	900
31025028007010	250/280	3,6	700	31025028009010	250/280	3,6	900
31028031507010	280/315	3,9	700	31028031509010	280/315	3,9	900
31031535507010	315/355	4,5	700	31031535509010	315/355	4,5	900
31035540007010	355/400	4,9	700	31035540009010	355/400	4,9	900
31040045007010	400/450	5,0	700	31040045009010	400/450	5,0	900
31014016008010	140/160	3,0	800	31014016010010	140/160	3,0	1000
31016018008010	160/180	3,0	800	31016018010010	160/180	3,0	1000
31018020008010	180/200	3,0	800	31018020010010	180/200	3,0	1000
31020022508010	200/225	3,2	800	31020022510010	200/225	3,2	1000
31022525008010	225/250	3,4	800	31022525010010	225/250	3,4	1000
31025028008010	250/280	3,6	800	31025028010010	250/280	3,6	1000
31028031508010	280/315	3,9	800	31028031510010	280/315	3,9	1000
31031535508010	315/355	4,5	800	31031535510010	315/355	4,5	1000
31035540008010	355/400	4,9	800	31035540010010	355/400	4,9	1000
31040045008010	400/450	5,0	800	31040045010010	400/450	5,0	1000

# Reduction Shrink Sleeve straight bigger wall thickness black

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
31109011007010	90/110	4,0	700	31109011009010	90/110	4,0	900
31111012507010	110/125	4,0	700	31111012509010	110/125	4,0	900
31112514007010	125/140	4,1	700	31112514009010	125/140	4,1	900
31114016007010	140/160	4,5	700	31114016009010	140/160	4,5	900
31116018007010	160/180	5,0	700	31116018009010	160/180	5,0	900
31118020007010	180/200	5,0	700	31118020009010	180/200	5,0	900
31120022507010	200/225	5,0	700	31120022509010	200/225	5,0	900
31122525007010	225/250	5,5	700	31122525009010	225/250	5,5	900
31125028007010	250/280	6,1	700	31125028009010	250/280	6,1	900
31128031507010	280/315	6,9	700	31128031509010	280/315	6,9	900
31131535507010	315/355	7,7	700	31131535509010	315/355	7,7	900
31135540007010	355/400	7,7	700	31135540009010	355/400	7,7	900
31140045007010	400/450	8,0	700				
				31109011010010	90/110	4,0	1000
31109011008010	90/110	4,0	800	31111012510010	110/125	4,0	1000
31111012508010	110/125	4,0	800	31112514010010	125/140	4,1	1000
31112514008010	125/140	4,1	800	31114016010010	140/160	4,5	1000
31114016008010	140/160	4,5	800	31116018010010	160/180	5,0	1000
31116018008010	160/180	5,0	800	31118020010010	180/200	5,0	1000
31118020008010	180/200	5,0	800	31120022510010	200/225	5,0	1000
31120022508010	200/225	5,0	800	31122525010010	225/250	5,5	1000
31122525008010	225/250	5,5	800	31125028010010	250/280	6,1	1000
31125028008010	250/280	6,1	800	31128031510010	280/315	6,9	1000
31128031508010	280/315	6,9	800	31131535510010	315/355	7,7	1000
31131535508010	315/355	7,7	800	31135540010010	355/400	7,7	1000
31135540008010	355/400	7,7	800				
31140045008010	400/450	8,0	800				

# Reduction Shrink Sleeve welding w/foil

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
32009011007011	90/110	3,0	700	32009011008011	90/110	3,0	800
32009012507011	90/125	3,0	700	32009012508011	90/125	3,0	800
32009014007011	90/140	3,0	700	32009014008011	90/140	3,0	800
32011012507011	110/125	3,0	700	32011012508011	110/125	3,0	800
32011014007011	110/140	3,0	700	32011014008011	110/140	3,0	800
32011016007011	110/160	3,0	700	32011016008011	110/160	3,0	800
32012514007011	125/140	3,0	700	32012514008011	125/140	3,0	800
32012516007011	125/160	3,0	700	32012516008011	125/160	3,0	800
32012518007011	125/180	3,0	700	32012518008011	125/180	3,0	800
32014016007011	140/160	3,0	700	32014016008011	140/160	3,0	800
32014018007011	140/180	3,0	700	32014018008011	140/180	3,0	800
32014020007011	140/200	3,0	700	32014020008011	140/200	3,0	800
32016018007011	160/180	3,0	700	32016018008011	160/180	3,0	800
32016020007011	160/200	3,0	700	32016020008011	160/200	3,0	800
32016022507011	160/225	3,0	700	32016022508011	160/225	3,0	800
32018020007011	180/200	3,0	700	32018020008011	180/200	3,0	800
32018022507011	180/225	3,0	700	32018022508011	180/225	3,0	800
32018025007011	180/250	3,0	700	32018025008011	180/250	3,0	800
32020022507011	200/225	3,2	700	32020022508011	200/225	3,2	800
32020025007011	200/250	3,2	700	32020025008011	200/250	3,2	800
32020028007011	200/280	3,2	700	32020028008011	200/280	3,2	800
32022525007011	225/250	3,4	700	32022525008011	225/250	3,4	800
32022528007011	225/280	3,4	700	32022528008011	225/280	3,4	800
32022531507011	225/315	3,4	700	32022531508011	225/315	3,4	800
32025028007011	250/280	3,6	700	32025028008011	250/280	3,6	800
32025031507011	250/315	3,6	700	32025031508011	250/315	3,6	800
32028035507011	250/355	3,6	700	32028035508011	250/355	3,6	800
32028031507011	280/315	3,9	700	32028031508011	280/315	3,9	800
32028035507011	280/355	3,9	700	32028035508011	280/355	3,9	800
32028040007011	280/400	3,9	700	32028040008011	280/400	3,9	800
32031535507011	315/355	4,5	700	32031535508011	315/355	4,5	800
32031540007011	315/400	4,5	700	32031540008011	315/400	4,5	800
32035540007011	355/400	4,9	700	32035540008011	355/400	4,9	800
32035545007011	355/450	4,9	700	32035545008011	355/450	4,9	800
32040045007011	400/450	5,0	700	32040045008011	400/450	5,0	800

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
32009011009011	90/110	3,0	900	32009011010011	90/110	3,0	1000
32009012509011	90/125	3,0	900	32009012510011	90/125	3,0	1000
32009014009011	90/140	3,0	900	32009014010011	90/140	3,0	1000
32011012509011	110/125	3,0	900	32011012510011	110/125	3,0	1000
32011014009011	110/140	3,0	900	32011014010011	110/140	3,0	1000
32011016009011	110/160	3,0	900	32011016010011	110/160	3,0	1000
32012514009011	125/140	3,0	900	32012514010011	125/140	3,0	1000
32012516009011	125/160	3,0	900	32012516010011	125/160	3,0	1000
32012518009011	125/180	3,0	900	32012518010011	125/180	3,0	1000
32014016009011	140/160	3,0	900	32014016010011	140/160	3,0	1000
32014018009011	140/180	3,0	900	32014018010011	140/180	3,0	1000
32014020009011	140/200	3,0	900	32014020010011	140/200	3,0	1000
32016018009011	160/180	3,0	900	32016018010011	160/180	3,0	1000
32016020009011	160/200	3,0	900	32016020010011	160/200	3,0	1000
32016022509011	160/225	3,0	900	32016022510011	160/225	3,0	1000
32018020009011	180/200	3,0	900	32018020010011	180/200	3,0	1000
32018022509011	180/225	3,0	900	32018022510011	180/225	3,0	1000
32018025009011	180/250	3,0	900	32018025010011	180/250	3,0	1000
32020022509011	200/225	3,2	900	32020022510011	200/225	3,2	1000
32020025009011	200/250	3,2	900	32020025010011	200/250	3,2	1000
32020028009011	200/280	3,2	900	32020028010011	200/280	3,2	1000
32022525009011	225/250	3,4	900	32022525010011	225/250	3,4	1000
32022528009011	225/280	3,4	900	32022528010011	225/280	3,4	1000
32022531509011	225/315	3,4	900	32022531510011	225/315	3,4	1000
32025028009011	250/280	3,6	900	32025028010011	250/280	3,6	1000
32025031509011	250/315	3,6	900	32025031510011	250/315	3,6	1000
32028035509011	250/355	3,6	900	32028035510011	250/355	3,6	1000
32028031509011	280/315	3,9	900	32028031510011	280/315	3,9	1000
32028035509011	280/355	3,9	900	32028035510011	280/355	3,9	1000
32028040009011	280/400	3,9	900	32028040010011	280/400	3,9	1000
32031535509011	315/355	4,5	900	32031535510011	315/355	4,5	1000
32031540009011	315/400	4,5	900	32031540010011	315/400	4,5	1000
32035540009011	355/400	4,9	900	32035540010011	355/400	4,9	1000
32035545009011	355/450	4,9	900	32035545010011	355/450	4,9	1000
32040045009011	400/450	5,0	900	32040045010011	400/450	5,0	1000

# Reduction Shrink Sleeve w/foil

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
33014016007011	140/160	3,0	700	33014016009011	140/160	3,0	900
33016018007011	160/180	3,0	700	33016018009011	160/180	3,0	900
33018020007011	180/200	3,0	700	33018020009011	180/200	3,0	900
33020022507011	200/225	3,2	700	33020022509011	200/225	3,2	900
33022525007011	225/250	3,4	700	33022525009011	225/250	3,4	900
33025028007011	250/280	3,6	700	33025028009011	250/280	3,6	900
33028031507011	280/315	3,9	700	33028031509011	280/315	3,9	900
33031535507011	315/355	4,5	700	33031535509011	315/355	4,5	900
33035540007011	355/400	4,9	700	33035540009011	355/400	4,9	900
33040045007011	400/450	5,0	700	33040045009011	400/450	5,0	900
33014016008011	140/160	3,0	800	33014016010011	140/160	3,0	1000
33016018008011	160/180	3,0	800	33016018010011	160/180	3,0	1000
33018020008011	180/200	3,0	800	33018020010011	180/200	3,0	1000
33020022508011	200/225	3,2	800	33020022510011	200/225	3,2	1000
33022525008011	225/250	3,4	800	33022525010011	225/250	3,4	1000
33025028008011	250/280	3,6	800	33025028010011	250/280	3,6	1000
33028031508011	280/315	3,9	800	33028031510011	280/315	3,9	1000
33031535508011	315/355	4,5	800	33031535510011	315/355	4,5	1000
33035540008011	355/400	4,9	800	33035540010011	355/400	4,9	1000
33040045008011	400/450	5,0	800	33040045010011	400/450	5,0	1000

## Reduction Shrink Sleeve straight bigger wall thickness w/foil

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
33109011007011	90/110	4,0	700	33109011009011	90/110	4,0	900
33111012507011	110/125	4,0	700	33111012509011	110/125	4,0	900
33112514007011	125/140	4,1	700	33112514009011	125/140	4,1	900
33114016007011	140/160	4,5	700	33114016009011	140/160	4,5	900
33116018007011	160/180	5,0	700	33116018009011	160/180	5,0	900
33118020007011	180/200	5,0	700	33118020009011	180/200	5,0	900
33120022507011	200/225	5,0	700	33120022509011	200/225	5,0	900
33122525007011	225/250	5,5	700	33122525009011	225/250	5,5	900
33125028007011	250/280	6,1	700	33125028009011	250/280	6,1	900
33128031507011	280/315	6,9	700	33128031509011	280/315	6,9	900
33109011008011	90/110	4,0	800	33109011010011	90/110	4,0	1000
33111012508011	110/125	4,0	800	33111012510011	110/125	4,0	1000
33112514008011	125/140	4,1	800	33112514010011	125/140	4,1	1000
33114016008011	140/160	4,5	800	33114016010011	140/160	4,5	1000
33116018008011	160/180	5,0	800	33116018010011	160/180	5,0	1000
33118020008011	180/200	5,0	800	33118020010011	180/200	5,0	1000
33120022508011	200/225	5,0	800	33120022510011	200/225	5,0	1000
33122525008011	225/250	5,5	800	33122525010011	225/250	5,5	1000
33125028008011	250/280	6,1	800	33125028010011	250/280	6,1	1000
33128031508011	280/315	6,9	800	33128031510011	280/315	6,9	1000



# Reduction Shrink Sleeve welding w/foil and mastic integrated

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
34009011007012	90/110	3,0	700	34009011008012	90/110	3,0	800
34009012507012	90/125	3,0	700	34009012508012	90/125	3,0	800
34009014007012	90/140	3,0	700	34009014008012	90/140	3,0	800
34011012507012	110/125	3,0	700	34011012508012	110/125	3,0	800
34011014007012	110/140	3,0	700	34011014008012	110/140	3,0	800
34011016007012	110/160	3,0	700	34011016008012	110/160	3,0	800
34012514007012	125/140	3,0	700	34012514008012	125/140	3,0	800
34012516007012	125/160	3,0	700	34012516008012	125/160	3,0	800
34012518007012	125/180	3,0	700	34012518008012	125/180	3,0	800
34014016007012	140/160	3,0	700	34014016008012	140/160	3,0	800
34014018007012	140/180	3,0	700	34014018008012	140/180	3,0	800
34014020007012	140/200	3,0	700	34014020008012	140/200	3,0	800
34016018007012	160/180	3,0	700	34016018008012	160/180	3,0	800
34016020007012	160/200	3,0	700	34016020008012	160/200	3,0	800
34016022507012	160/225	3,0	700	34016022508012	160/225	3,0	800
34018020007012	180/200	3,0	700	34018020008012	180/200	3,0	800
34018022507012	180/225	3,0	700	34018022508012	180/225	3,0	800
34018025007012	180/250	3,0	700	34018025008012	180/250	3,0	800
34020022507012	200/225	3,2	700	34020022508012	200/225	3,2	800
34020025007012	200/250	3,2	700	34020025008012	200/250	3,2	800
34020028007012	200/280	3,2	700	34020028008012	200/280	3,2	800
34022525007012	225/250	3,4	700	34022525008012	225/250	3,4	800
34022528007012	225/280	3,4	700	34022528008012	225/280	3,4	800
34022531507012	225/315	3,4	700	34022531508012	225/315	3,4	800
34025028007012	250/280	3,6	700	34025028008012	250/280	3,6	800
34025031507012	250/315	3,6	700	34025031508012	250/315	3,6	800
34028035507012	250/355	3,6	700	34028035508012	250/355	3,6	800
34028031507012	280/315	3,9	700	34028031508012	280/315	3,9	800
34028035507012	280/355	3,9	700	34028035508012	280/355	3,9	800
34028040007012	280/400	3,9	700	34028040008012	280/400	3,9	800
34031535507012	315/355	4,5	700	34031535508012	315/355	4,5	800
34031540007012	315/400	4,5	700	34031540008012	315/400	4,5	800
34035540007012	355/400	4,9	700	34035540008012	355/400	4,9	800
34035545007012	355/450	4,9	700	34035545008012	355/450	4,9	800
34040045007012	400/450	5,0	700	34040045008012	400/450	5,0	800

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
34009011009012	90/110	3,0	900	34009011010012	90/110	3,0	1000
34009012509012	90/125	3,0	900	34009012510012	90/125	3,0	1000
34009014009012	90/140	3,0	900	34009014010012	90/140	3,0	1000
34011012509012	110/125	3,0	900	34011012510012	110/125	3,0	1000
34011014009012	110/140	3,0	900	34011014010012	110/140	3,0	1000
34011016009012	110/160	3,0	900	34011016010012	110/160	3,0	1000
34012514009012	125/140	3,0	900	34012514010012	125/140	3,0	1000
34012516009012	125/160	3,0	900	34012516010012	125/160	3,0	1000
34012518009012	125/180	3,0	900	34012518010012	125/180	3,0	1000
34014016009012	140/160	3,0	900	34014016010012	140/160	3,0	1000
34014018009012	140/180	3,0	900	34014018010012	140/180	3,0	1000
34014020009012	140/200	3,0	900	34014020010012	140/200	3,0	1000
34016018009012	160/180	3,0	900	34016018010012	160/180	3,0	1000
34016020009012	160/200	3,0	900	34016020010012	160/200	3,0	1000
34016022509012	160/225	3,0	900	34016022510012	160/225	3,0	1000
34018020009012	180/200	3,0	900	34018020010012	180/200	3,0	1000
34018022509012	180/225	3,0	900	34018022510012	180/225	3,0	1000
34018025009012	180/250	3,0	900	34018025010012	180/250	3,0	1000
34020022509012	200/225	3,2	900	34020022510012	200/225	3,2	1000
34020025009012	200/250	3,2	900	34020025010012	200/250	3,2	1000
34020028009012	200/280	3,2	900	34020028010012	200/280	3,2	1000
34022525009012	225/250	3,4	900	34022525010012	225/250	3,4	1000
34022528009012	225/280	3,4	900	34022528010012	225/280	3,4	1000
34022531509012	225/315	3,4	900	34022531510012	225/315	3,4	1000
34025028009012	250/280	3,6	900	34025028010012	250/280	3,6	1000
34025031509012	250/315	3,6	900	34025031510012	250/315	3,6	1000
34028035509012	250/355	3,6	900	34028035510012	250/355	3,6	1000
34028031509012	280/315	3,9	900	34028031510012	280/315	3,9	1000
34028035509012	280/355	3,9	900	34028035510012	280/355	3,9	1000
34028040009012	280/400	3,9	900	34028040010012	280/400	3,9	1000
34031535509012	315/355	4,5	900	34031535510012	315/355	4,5	1000
34031540009012	315/400	4,5	900	34031540010012	315/400	4,5	1000
34035540009012	355/400	4,9	900	34035540010012	355/400	4,9	1000
34035545009012	355/450	4,9	900	34035545010012	355/450	4,9	1000
34040045009012	400/450	5,0	900	34040045010012	400/450	5,0	1000

## Reduction Shrink Sleeve straight w/foil and mastic integrated

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
35014016007012	140/160	3,0	700	35014016009012	140/160	3,0	900
35016018007012	160/180	3,0	700	35016018009012	160/180	3,0	900
35018020007012	180/200	3,0	700	35018020009012	180/200	3,0	900
35020022507012	200/225	3,2	700	35020022509012	200/225	3,2	900
35022525007012	225/250	3,4	700	35022525009012	225/250	3,4	900
35025028007012	250/280	3,6	700	35025028009012	250/280	3,6	900
35028031507012	280/315	3,9	700	35028031509012	280/315	3,9	900
35031535507012	315/355	4,5	700	35031535509012	315/355	4,5	900
35035540007012	355/400	4,9	700	35035540009012	355/400	4,9	900
35014016008012	140/160	3,0	800	35014016010012	140/160	3,0	1000
35016018008012	160/180	3,0	800	35016018010012	160/180	3,0	1000
35018020008012	180/200	3,0	800	35018020010012	180/200	3,0	1000
35020022508012	200/225	3,2	800	35020022510012	200/225	3,2	1000
35022525008012	225/250	3,4	800	35022525010012	225/250	3,4	1000
35025028008012	250/280	3,6	800	35025028010012	250/280	3,6	1000
35028031508012	280/315	3,9	800	35028031510012	280/315	3,9	1000
35031535508012	315/355	4,5	800	35031535510012	315/355	4,5	1000
35035540008012	355/400	4,9	800	35035540010012	355/400	4,9	1000

## Reduction Shrink Sleeve straight bigger wall thickness w/foil and mastic integrated

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
35109011007012	90/110	4,0	700	35109011009012	90/110	4,0	900
35111012507012	110/125	4,0	700	35111012509012	110/125	4,0	900
35112514007012	125/140	4,1	700	35112514009012	125/140	4,1	900
35114016007012	140/160	4,5	700	35114016009012	140/160	4,5	900
35116018007012	160/180	5,0	700	35116018009012	160/180	5,0	900
35118020007012	180/200	5,0	700	35118020009012	180/200	5,0	900
35120022507012	200/225	5,0	700	35120022509012	200/225	5,0	900
35122525007012	225/250	5,5	700	35122525009012	225/250	5,5	900
35125028007012	250/280	6,1	700	35125028009012	250/280	6,1	900
35128031507012	280/315	6,9	700	35128031509012	280/315	6,9	900
35131535507012	315/355	7,7	700	35131535509012	315/355	7,7	900
35135540007012	355/400	7,7	700	35135540009012	355/400	7,7	900
35109011008012	90/110	4,0	800	35109011010012	90/110	4,0	1000
35111012508012	110/125	4,0	800	35111012510012	110/125	4,0	1000
35112514008012	125/140	4,1	800	35112514010012	125/140	4,1	1000
35114016008012	140/160	4,5	800	35114016010012	140/160	4,5	1000
35116018008012	160/180	5,0	800	35116018010012	160/180	5,0	1000
35118020008012	180/200	5,0	800	35118020010012	180/200	5,0	1000
35120022508012	200/225	5,0	800	35120022510012	200/225	5,0	1000
35122525008012	225/250	5,5	800	35122525010012	225/250	5,5	1000
35125028008012	250/280	6,1	800	35125028010012	250/280	6,1	1000
35128031508012	280/315	6,9	800	35128031510012	280/315	6,9	1000
35131535508012	315/355	7,7	800	35131535510012	315/355	7,7	1000
35135540008012	355/400	7,7	800	35135540010012	355/400	7,7	1000

# Reduction Shrink Sleeve welding w/foil, mastic integrated and manchette

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
36009011005015	90/110	3,0	500	32009011006015	90/110	3,0	600
36009012505015	90/125	3,0	500	32009012506015	90/125	3,0	600
36009014005015	90/140	3,0	500	32009014006015	90/140	3,0	600
36011012505015	110/125	3,0	500	32011012506015	110/125	3,0	600
36011014005015	110/140	3,0	500	32011014006015	110/140	3,0	600
36011016005015	110/160	3,0	500	32011016006015	110/160	3,0	600
36012514005015	125/140	3,0	500	32012514006015	125/140	3,0	600
36012516005015	125/160	3,0	500	32012516006015	125/160	3,0	600
36012518005015	125/180	3,0	500	32012518006015	125/180	3,0	600
36014016005015	140/160	3,0	500	32014016006015	140/160	3,0	600
36014018005015	140/180	3,0	500	32014018006015	140/180	3,0	600
36014020005015	140/200	3,0	500	32014020006015	140/200	3,0	600
36016018005015	160/180	3,0	500	32016018006015	160/180	3,0	600
36016020005015	160/200	3,0	500	32016020006015	160/200	3,0	600
36016022505015	160/225	3,0	500	32016022506015	160/225	3,0	600
36018020005015	180/200	3,0	500	32018020006015	180/200	3,0	600
36018022505015	180/225	3,0	500	32018022506015	180/225	3,0	600
36018025005015	180/250	3,0	500	32018025006015	180/250	3,0	600
36020022505015	200/225	3,2	500	32020022506015	200/225	3,2	600
36020025005015	200/250	3,2	500	32020025006015	200/250	3,2	600
36020028005015	200/280	3,2	500	32020028006015	200/280	3,2	600
36022525005015	225/250	3,4	500	32022525006015	225/250	3,4	600
36022528005015	225/280	3,4	500	32022528006015	225/280	3,4	600
36022531505015	225/315	3,4	500	32022531506015	225/315	3,4	600
36025028005015	250/280	3,6	500	32025028006015	250/280	3,6	600
36025031505015	250/315	3,6	500	32025031506015	250/315	3,6	600
36028035505015	250/355	3,6	500	32028035506015	250/355	3,6	600
36028031505015	280/315	3,9	500	32028031506015	280/315	3,9	600
36028035505015	280/355	3,9	500	32028035506015	280/355	3,9	600
36028040005015	280/400	3,9	500	32028040006015	280/400	3,9	600
36031535505015	315/355	4,5	500	36031535506015	315/355	4,5	600
36031540005015	315/400	4,5	500	36031540006015	315/400	4,5	600
36031545005015	315/450	4,9	500	36031545006015	315/450	4,9	600
36035540005015	355/400	4,9	500	36035540006015	355/400	4,9	600
36035545005015	355/450	5,0	500	36035545006015	355/450	5,0	600

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
36009011007015	90/110	3,0	700	36009011008015	90/110	3,0	800
36009012507015	90/125	3,0	700	36009012508015	90/125	3,0	800
36009014007015	90/140	3,0	700	36009014008015	90/140	3,0	800
36011012507015	110/125	3,0	700	36011012508015	110/125	3,0	800
36011014007015	110/140	3,0	700	36011014008015	110/140	3,0	800
36011016007015	110/160	3,0	700	36011016008015	110/160	3,0	800
36012514007015	125/140	3,0	700	36012514008015	125/140	3,0	800
36012516007015	125/160	3,0	700	36012516008015	125/160	3,0	800
36012518007015	125/180	3,0	700	36012518008015	125/180	3,0	800
36014016007015	140/160	3,0	700	36014016008015	140/160	3,0	800
36014018007015	140/180	3,0	700	36014018008015	140/180	3,0	800
36014020007015	140/200	3,0	700	36014020008015	140/200	3,0	800
36016018007015	160/180	3,0	700	36016018008015	160/180	3,0	800
36016020007015	160/200	3,0	700	36016020008015	160/200	3,0	800
36016022507015	160/225	3,0	700	36016022508015	160/225	3,0	800
36018020007015	180/200	3,0	700	36018020008015	180/200	3,0	800
36018022507015	180/225	3,0	700	36018022508015	180/225	3,0	800
36018025007015	180/250	3,0	700	36018025008015	180/250	3,0	800
36020022507015	200/225	3,2	700	36020022508015	200/225	3,2	800
36020025007015	200/250	3,2	700	36020025008015	200/250	3,2	800
36020028007015	200/280	3,2	700	36020028008015	200/280	3,2	800
36022525007015	225/250	3,4	700	36022525008015	225/250	3,4	800
36022528007015	225/280	3,4	700	36022528008015	225/280	3,4	800
36022531507015	225/315	3,4	700	36022531508015	225/315	3,4	800
36025028007015	250/280	3,6	700	36025028008015	250/280	3,6	800
36025031507015	250/315	3,6	700	36025031508015	250/315	3,6	800
36028035507015	250/355	3,6	700	36028035508015	250/355	3,6	800
36028031507015	280/315	3,9	700	36028031508015	280/315	3,9	800
36028035507015	280/355	3,9	700	36028035508015	280/355	3,9	800
36028040007015	280/400	3,9	700	36028040008015	280/400	3,9	800
36031535507015	315/355	4,5	700	36031535508015	315/355	4,5	800
36031540007015	315/400	4,5	700	36031540008015	315/400	4,5	800
36031545007015	315/450	4,9	700				
36035540007015	355/400	4,9	700				
36035545007015	355/450	5,0	700				

## Reduction Shrink Sleeve straight w/foil, mastic integrated and manchette

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
37014016007015	140/160	3,0	700	37014016008015	140/160	3,0	800
37016018007015	160/180	3,0	700	37016018008015	160/180	3,0	800
37018020007015	180/200	3,0	700	37018020008015	180/200	3,0	800
37020022507015	200/225	3,2	700	37020022508015	200/225	3,2	800
37022525007015	225/250	3,4	700	37022525008015	225/250	3,4	800
37025028007015	250/280	3,6	700	37025028008015	250/280	3,6	800
37028031507015	280/315	3,9	700	37028031508015	280/315	3,9	800
37031535507015	315/355	4,5	700	37031535508015	315/355	4,5	800
37035540007015	355/400	4,9	700	37035540008015	355/400	4,9	800

## 5. Welding reduction





## Welding reductions f/butt welding L:250-350 mm

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
45009011002510	90/110	4,0	250	45009011003510	90/110	4,0	350
45009012502510	90/125	4,0	250	45009012503510	90/125	4,0	350
45011012502510	110/125	4,0	250	45011012503510	110/125	4,0	350
45011014002510	110/140	4,0	250	45011014003510	110/140	4,0	350
45012514002510	125/140	4,1	250	45012514003510	125/140	4,1	350
45012516002510	125/160	4,1	250	45012516003510	125/160	4,1	350
45014016002510	140/160	4,5	250	45014016003510	140/160	4,5	350
45014018002510	140/180	4,5	250	45014018003510	140/180	4,5	350
45016018002510	160/180	5,0	250	45016018003510	160/180	5,0	350
45016020002510	160/200	5,0	250	45016020003510	160/200	5,0	350
45018020002510	180/200	5,0	250	45018020003510	180/200	5,0	350
45018022502510	180/225	5,0	250	45018022503510	180/225	5,0	350
45020022502510	200/225	5,0	250	45020022503510	200/225	5,0	350
45020025002510	200/250	5,0	250	45020025003510	200/250	5,0	350
45022525002510	225/250	5,5	250	45022525003510	225/250	5,5	350
45022528002510	225/280	5,5	250	45022528003510	225/280	5,5	350
45025028002510	250/280	6,1	250	45025028003510	250/280	6,1	350
45025031502510	250/315	6,1	250	45025031503510	250/315	6,1	350
45028031502510	280/315	6,9	250	45028031503510	280/315	6,9	350
45028035502510	280/355	6,9	250	45028035503510	280/355	6,9	350
45031540002510	315/400	7,7	250	45031540003510	315/400	7,7	350
45031545002510	315/450	7,7	250	45031545003510	315/450	7,7	350
45035540002510	355/400	7,7	250	45035540003510	355/400	7,7	350
45035545002510	355/450	7,7	250	45035545003510	355/450	7,7	350
45040045002510	400/450	8,0	250	45040045003510	400/450	8,0	350

# Welding reductions f/butt welding L:400-450 m

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
45009011004010	90/110	4,0	400	45009011004510	90/110	4,0	450
45009012504010	90/125	4,0	400	45009012504510	90/125	4,0	450
45009014004010	90/140	4,1	400	45009014004510	90/140	4,1	450
45011012504010	110/125	4,0	400	45011012504510	110/125	4,0	450
45011014004010	110/140	4,0	400	45011014004510	110/140	4,0	450
45011016004010	110/160	4,1	400	45011016004510	110/160	4,1	450
45012514004010	125/140	4,1	400	45012514004510	125/140	4,1	450
45012516004010	125/160	4,1	400	45012516004510	125/160	4,1	450
45012518004010	125/180	4,5	400	45012518004510	125/180	4,5	450
45014016004010	140/160	4,5	400	45014016004510	140/160	4,5	450
45014018004010	140/180	4,5	400	45014018004510	140/180	4,5	450
45014020004010	140/200	5,0	400	45014020004510	140/200	5,0	450
45016018004010	160/180	5,0	400	45016018004510	160/180	5,0	450
45016020004010	160/200	5,0	400	45016020004510	160/200	5,0	450
45016022504010	160/225	5,0	400	45016022504510	160/225	5,0	450
45018020004010	180/200	5,0	400	45018020004510	180/200	5,0	450
45018022504010	180/225	5,0	400	45018022504510	180/225	5,0	450
45018025004010	180/250	5,0	400	45018025004510	180/250	5,0	450
45020022504010	200/225	5,0	400	45020022504510	200/225	5,0	450
45020025004010	200/250	5,0	400	45020025004510	200/250	5,0	450
45020028004010	200/280	5,5	400	45020028004510	200/280	5,5	450
45022525004010	225/250	5,5	400	45022525004510	225/250	5,5	450
45022528004010	225/280	5,5	400	45022528004510	225/280	5,5	450
45022531504010	225/315	6,1	400	45022531504510	225/315	6,1	450
45025028004010	250/280	6,1	400	45025028004510	250/280	6,1	450
45025031504010	250/315	6,1	400	45025031504510	250/315	6,1	450
45025035504010	250/355	6,9	400	45025035504510	250/355	6,9	450
45028031504010	280/315	6,9	400	45028031504510	280/315	6,9	450
45028035504010	280/355	6,9	400	45028035504510	280/355	6,9	450
45028040004010	280/400	7,7	400	45028040004510	280/400	7,7	450
45031535504010	315/355	7,7	400	45031535504510	315/355	7,7	450
45031540004010	315/400	7,7	400	45031540004510	315/400	7,7	450
45031545004010	315/450	7,7	400	45031545004510	315/450	7,7	450
45035540004010	355/400	7,7	400	45035540004510	355/400	7,7	450
45035545004010	355/450	7,7	400	45035545004510	355/450	7,7	450

45040045004010

400/450

8,0

400

45040045004510

400/450

8,0

450

## Welding reductions f/butt welding L:550 mm

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
45009011005510	90/110	4,0	550	45022525005510	225/250	5,5	550
45009012505510	90/125	4,0	550	45022528005510	225/280	5,5	550
45009014005510	90/140	4,0	550	45022531505510	225/315	6,1	550
45009016005510	90/160	4,1	550	45022535505510	225/355	6,9	550
45009018005510	90/180	4,5	550	45025028005510	250/280	6,1	550
45009020005510	90/200	4,5	550	45025031505510	250/315	6,1	550
45011012505510	110/125	4,0	550	45025035505510	250/355	6,9	550
45011014005510	110/140	4,0	550	45025040005510	250/400	7,7	550
45011016005510	110/160	4,1	550	45028031505510	280/315	6,9	550
45011018005510	110/180	4,5	550	45028035505510	280/355	6,9	550
45011020005510	110/200	4,5	550	45028040005510	280/400	7,7	550
45012514005510	125/140	4,1	550	45028045005510	280/450	7,7	550
45012516005510	125/160	4,1	550	45031535505510	315/355	7,7	550
45014016005510	140/160	4,5	550	45031540005510	315/400	7,7	550
45014018005510	140/180	4,5	550	45031545005510	315/450	7,7	550
45014020005510	140/200	5,0	550	45035540005510	355/400	7,7	550
45014022505510	140/225	5,0	550	45035545005510	355/450	7,7	550
45016018005510	160/180	5,0	550	45040045005510	400/450	8,0	550
45016020005510	160/200	5,0	550				
45018020005510	180/200	5,0	550				
45018022505510	180/225	5,0	550				
45018025005510	180/250	5,0	550				
45018028005510	180/280	5,5	550				
45020022505510	200/225	5,0	550				
45020025005510	200/250	5,0	550				
45020028005510	200/280	5,5	550				
45020031505510	200/315	6,1	550				
45020035505510	200/355	6,9	550				

# Welding reductions f/butt welding L:600-700 m

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
45009011006010	90/110	4,0	600	45009011007010	90/110	4,0	700
45009012506010	90/125	4,0	600	45009012507010	90/125	4,0	700
45009014006010	90/140	4,1	600	45009014007010	90/140	4,1	700
45011012506010	110/125	4,0	600	45011012507010	110/125	4,0	700
45011014006010	110/140	4,0	600	45011014007010	110/140	4,0	700
45011016006010	110/160	4,1	600	45011016007010	110/160	4,1	700
45012514006010	125/140	4,1	600	45012514007010	125/140	4,1	700
45012516006010	125/160	4,1	600	45012516007010	125/160	4,1	700
45012518006010	125/180	4,5	600	45012518007010	125/180	4,5	700
45014016006010	140/160	4,5	600	45014016007010	140/160	4,5	700
45014018006010	140/180	4,5	600	45014018007010	140/180	4,5	700
45014020006010	140/200	5,0	600	45014020007010	140/200	5,0	700
45016018006010	160/180	5,0	600	45016018007010	160/180	5,0	700
45016020006010	160/200	5,0	600	45016020007010	160/200	5,0	700
45016022506010	160/225	5,0	600	45016022507010	160/225	5,0	700
45018020006010	180/200	5,0	600	45018020007010	180/200	5,0	700
45018022506010	180/225	5,0	600	45018022507010	180/225	5,0	700
45018025006010	180/250	5,0	600	45018025007010	180/250	5,0	700
45020022506010	200/225	5,0	600	45020022507010	200/225	5,0	700
45020025006010	200/250	5,0	600	45020025007010	200/250	5,0	700
45020028006010	200/280	5,5	600	45020028007010	200/280	5,5	700
45022525006010	225/250	5,5	600	45022525007010	225/250	5,5	700
45022528006010	225/280	5,5	600	45022528007010	225/280	5,5	700
45022531506010	225/315	6,1	600	45022531507010	225/315	6,1	700
45025028006010	250/280	6,1	600	45025028007010	250/280	6,1	700
45025031506010	250/315	6,1	600	45025031507010	250/315	6,1	700
45025035506010	250/355	6,9	600	45025035507010	250/355	6,9	700
45028031506010	280/315	6,9	600	45028031507010	280/315	6,9	700
45028035506010	280/355	6,9	600	45028035507010	280/355	6,9	700
45028040006010	280/400	7,7	600	45028040007010	280/400	7,7	700
45031535506010	315/355	7,7	600	45031535507010	315/355	7,7	700
45031540006010	315/400	7,7	600	45031540007010	315/400	7,7	700
45031545006010	315/450	7,7	600	45031545007010	315/450	7,7	700
45035540006010	355/400	7,7	600	45035540007010	355/400	7,7	700
45035545006010	355/450	7,7	600	45035545007010	355/450	7,7	700

45040045006010

400/450

8,0

600

45040045007010

400/450

8,0

700

# Welding reductions f/butt welding L:800-850 mm

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
45009011008010	90/110	4,0	800	45009011008510	90/110	4,0	850
45009012508010	90/125	4,0	800	45009012508510	90/125	4,0	850
45009014008010	90/140	4,1	800	45009014008510	90/140	4,1	850
45011012508010	110/125	4,0	800	45011012508510	110/125	4,0	850
45011014008010	110/140	4,0	800	45011014008510	110/140	4,0	850
45011016008010	110/160	4,1	800	45011016008510	110/160	4,1	850
45012514008010	125/140	4,1	800	45012514008510	125/140	4,1	850
45012516008010	125/160	4,1	800	45012516008510	125/160	4,1	850
45012518008010	125/180	4,5	800	45012518008510	125/180	4,5	850
45014016008010	140/160	4,5	800	45014016008510	140/160	4,5	850
45014018008010	140/180	4,5	800	45014018008510	140/180	4,5	850
45014020008010	140/200	5,0	800	45014020008510	140/200	5,0	850
45016018008010	160/180	5,0	800	45016018008510	160/180	5,0	850
45016020008010	160/200	5,0	800	45016020008510	160/200	5,0	850
45016022508010	160/225	5,0	800	45016022508510	160/225	5,0	850
45018020008010	180/200	5,0	800	45018020008510	180/200	5,0	850
45018022508010	180/225	5,0	800	45018022508510	180/225	5,0	850
45018025008010	180/250	5,0	800	45018025008510	180/250	5,0	850
45020022508010	200/225	5,0	800	45020022508510	200/225	5,0	850
45020025008010	200/250	5,0	800	45020025008510	200/250	5,0	850
45020028008010	200/280	5,5	800	45020028008510	200/280	5,5	850
45022525008010	225/250	5,5	800	45022525008510	225/250	5,5	850
45022528008010	225/280	5,5	800	45022528008510	225/280	5,5	850
45022531508010	225/315	6,1	800	45022531508510	225/315	6,1	850
45025028008010	250/280	6,1	800	45025028008510	250/280	6,1	850
45025031508010	250/315	6,1	800	45025031508510	250/315	6,1	850
45025035508010	250/355	6,9	800	45025035508510	250/355	6,9	850
45028031508010	280/315	6,9	800	45028031508510	280/315	6,9	850
45028035508010	280/355	6,9	800	45028035508510	280/355	6,9	850
45028040008010	280/400	7,7	800	45028040008510	280/400	7,7	850
45031535508010	315/355	7,7	800	45031535508510	315/355	7,7	850
45031540008010	315/400	7,7	800	45031540008510	315/400	7,7	850
45031545008010	315/450	7,7	800	45031545008510	315/450	7,7	850
45035540008010	355/400	7,7	800	45035540008510	355/400	7,7	850
45035545008010	355/450	7,7	800	45035545008510	355/450	7,7	850

45040045008010 400/450 8,0 800

45040045008510 400/450 8,0 850



## Welding reductions f/butt welding L:1060 mm

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
45009011010614	90/110	4,0	1060	45020022510614	200/225	5,5	1060
45009012510614	90/125	4,1	1060	45020025010614	200/250	6,1	1060
45009014010614	90/140	4,5	1060	45020028010614	200/280	6,9	1060
45009016010614	90/160	5,0	1060	45020031510614	200/315	7,7	1060
45011012510614	110/125	4,1	1060	45022525010614	225/250	6,1	1060
45011014010614	110/140	4,5	1060	45022528010614	225/280	6,9	1060
45011016010614	110/160	5,0	1060	45022531510614	225/315	7,7	1060
45011018010614	110/180	5,0	1060	45022535510614	225/355	7,7	1060
45012514010614	125/140	4,5	1060	45025028010614	250/280	6,9	1060
45012516010614	125/160	5,0	1060	45025031510614	250/315	7,7	1060
45012518010614	125/180	5,0	1060	45025035510614	250/355	7,7	1060
45012520010614	125/200	5,0	1060	45025040010614	250/400	8,0	1060
45012522510614	125/225	5,0	1060	45025045010614	250/450	9,0	1060
45014016010614	140/160	5,0	1060	45028031510614	280/315	7,7	1060
45014018010614	140/180	5,0	1060	45028035510614	280/355	7,7	1060
45014020010614	140/200	5,0	1060	45028040010614	280/400	8,0	1060
45016018010614	160/180	5,0	1060	45028045010614	280/450	9,0	1060
45016020010614	160/200	5,0	1060	45031535510614	315/355	7,7	1060
45016022510614	160/225	5,5	1060	45031540010614	315/400	8,0	1060
45016025010614	160/250	6,1	1060	45031545010614	315/450	8,0	1060
45018020010614	180/200	5,0	1060	45040045010614	400/450	8,0	1060
45018022510614	180/225	5,5	1060				
45018025010614	180/250	6,1	1060				
45018028010614	180/280	6,9	1060				

## 6. Main Pipe



# Main Pipe

Item	Dimension	Hole	Wall	Lenght	Item	Dimension	Hole	Wall	Lenght
500090090070010	90	90	4,0	700	500180090070010	180	90	5,0	700
500090090080010	90	90	4,0	800	500180090080010	180	90	5,0	800
500110090070010	110	90	4,0	700	500180110070010	180	110	5,0	700
500110090080010	110	90	4,0	800	500180110080010	180	110	5,0	800
500110090090010	110	90	4,0	900	500180125070010	180	125	5,0	700
500110110070010	110	110	4,0	700	500180125080010	180	125	5,0	800
500110110080010	110	110	4,0	800	500180140070010	180	140	5,0	700
500125090070010	125	90	4,1	700	500180140080010	180	140	5,0	800
500125090080010	125	90	4,1	800	500180160070010	180	160	5,0	700
500125110070010	125	110	4,1	700	500180160080010	180	160	5,0	800
500125110080010	125	110	4,1	800	500180180070010	180	180	5,0	700
500125125070010	125	125	4,1	700	500180180080010	180	180	5,0	800
500125125080010	125	125	4,1	800	500200090070010	200	90	5,0	700
500140090070010	140	90	4,5	700	500200090080010	200	90	5,0	800
500140090080010	140	90	4,5	800	500200110070010	200	110	5,0	700
500140090090010	140	90	4,5	900	500200110080010	200	110	5,0	800
500140110070010	140	110	4,5	700	500200125070010	200	125	5,0	700
500140110080010	140	110	4,5	800	500200125080010	200	125	5,0	800
500140125070010	140	125	4,5	700	500200140070010	200	140	5,0	700
500140125080010	140	125	4,5	800	500200140080010	200	140	5,0	800
500140140070010	140	140	4,5	700	500200160070010	200	160	5,0	700
500140140080010	140	140	4,5	800	500200160080010	200	160	5,0	800
500160090070010	160	90	5,0	700	500200180070010	200	180	5,0	700
500160090080010	160	90	5,0	800	500200180080010	200	180	5,0	800
500160090090010	160	90	5,0	900	500200200070010	200	200	5,0	700
500160110070010	160	110	5,0	700					
500160110080010	160	110	5,0	800					
500160125070010	160	125	5,0	700					
500160125080010	160	125	5,0	800					
500160140070010	160	140	5,0	700					
500160140080010	160	140	5,0	800					
500160160070010	160	160	5,0	700					
500160160080010	160	160	5,0	800					

Item	Dimension	Hole	Wall	Lenght	Item	Dimension	Hole	Wall	Lenght
500225090070010	225	90	5,5	700	500280090070010	280	90	6,9	700
500225090080010	225	90	5,5	800	500280090080010	280	90	6,9	800
500225110070010	225	110	5,5	700	500280110070010	280	110	6,9	700
500225110080010	225	110	5,5	800	500280110080010	280	110	6,9	800
500225125070010	225	125	5,5	700	500280125070010	280	125	6,9	700
500225125080010	225	125	5,5	800	500280125080010	280	125	6,9	800
500225140070010	225	140	5,5	700	500280140070010	280	140	6,9	700
500225140080010	225	140	5,5	800	500280140080010	280	140	6,9	800
500225160070010	225	160	5,5	700	500280160070010	280	160	6,9	700
500225160080010	225	160	5,5	800	500280160080010	280	160	6,9	800
500225180070010	225	180	5,5	700	500280180070010	280	180	6,9	700
500225180080010	225	180	5,5	800	500280180080010	280	180	6,9	800
500225200070010	225	200	5,5	700	500280200070010	280	200	6,9	700
500225200080010	225	200	5,5	800	500280200080010	280	200	6,9	800
500225225070010	225	225	5,5	700	500280225070010	280	225	6,9	700
500250090070010	250	90	6,1	700	500280225080010	280	225	6,9	800
500250090080010	250	90	6,1	800	500280250070010	280	250	6,9	700
500250110070010	250	110	6,1	700	500280250080010	280	250	6,9	800
500250110080010	250	110	6,1	800	500280280070010	280	280	6,9	700
500250125070010	250	125	6,1	700	500315090070010	315	90	7,7	700
500250125080010	250	125	6,1	800	500315110070010	315	110	7,7	700
500250140070010	250	140	6,1	700	500315125070010	315	125	7,7	700
500250140080010	250	140	6,1	800	500315140070010	315	140	7,7	700
500250160070010	250	160	6,1	700	500315160070010	315	160	7,7	700
500250160080010	250	160	6,1	800	500315180070010	315	180	7,7	700
500250180070010	250	180	6,1	700	500315200070010	315	200	7,7	700
500250180080010	250	180	6,1	800	500315225070010	315	225	7,7	700
500250200070010	250	200	6,1	700	500315250070010	315	250	7,7	700
500250200080010	250	200	6,1	800	500315280070010	315	280	7,7	700
500250225070010	250	225	6,1	700	500315315070010	315	315	7,7	700
500250225080010	250	225	6,1	800					
500250250080010	250	250	6,1	800					

# Main Pipe for Valve

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
51014016000080	140/160	4,5	800	51014016000110	140/160	4,5	1100
51014018000080	140/180	4,5	800	51014018000110	140/180	4,5	1100
51016018000080	160/180	5,0	800	51016018000110	160/180	5,0	1100
51016020000080	160/200	5,0	800	51016020000110	160/200	5,0	1100
51018020000080	180/200	5,0	800	51018020000110	180/200	5,0	1100
51018022500080	180/225	5,0	800	51018022500110	180/225	5,0	1100
51020022500080	200/225	5,0	800	51020022500110	200/225	5,0	1100
51020025000080	200/250	5,0	800	51020025000110	200/250	5,0	1100
51022525000080	225/250	5,5	800	51022525000110	225/250	5,5	1100
51022528000080	225/280	5,5	800	51022528000110	225/280	5,5	1100
51025028000080	250/280	6,1	800	51025028000110	250/280	6,1	1100
51025031500080	250/315	6,1	800	51025031500110	250/315	6,1	1100
51028031500080	280/315	6,9	800	51028031500110	280/315	6,9	1100
51028035500080	280/355	6,9	800	51028035500110	280/355	6,9	1100
51031535500080	315/355	7,7	800	51031535500110	315/355	7,7	1100
51031540000080	315/400	7,7	800	51031540000110	315/400	7,7	1100
51035540000080	355/400	7,7	800	51035540000110	355/400	7,7	1100
51014016000100	140/160	4,5	1000				
51014018000100	140/180	4,5	1000				
51016018000100	160/180	5,0	1000				
51016020000100	160/200	5,0	1000				
51018020000100	180/200	5,0	1000				
51018022500100	180/225	5,0	1000				
51020022500100	200/225	5,0	1000				
51020025000100	200/250	5,0	1000				
51022525000100	225/250	5,5	1000				
51022528000100	225/280	5,5	1000				
51025028000100	250/280	6,1	1000				
51025031500100	250/315	6,1	1000				
51028031500100	280/315	6,9	1000				
51028035500100	280/355	6,9	1000				
51031535500100	315/355	7,7	1000				
51031540000100	315/400	7,7	1000				
51035540000100	355/400	7,7	1000				

Item	Dimension	Wall	Lenght
51009011000120	90/110	4,0	1200
51009012500120	90/125	4,0	1200
51011012500120	110/125	4,0	1200
51011014000120	110/140	4,0	1200
51012514000120	125/140	4,1	1200
51012516000120	125/160	4,1	1200
51014016000120	140/160	4,5	1200
51014018000120	140/180	4,5	1200
51016018000120	160/180	5,0	1200
51016020000120	160/200	5,0	1200
51018020000120	180/200	5,0	1200
51018022500120	180/225	5,0	1200
51020022500120	200/225	5,0	1200
51020025000120	200/250	5,0	1200
51022525000120	225/250	5,5	1200
51022528000120	225/280	5,5	1200
51025028000120	250/280	6,1	1200
51025031500120	250/315	6,1	1200
51028031500120	280/315	6,9	1200
51028035500120	280/355	6,9	1200
51031535500120	315/355	7,7	1200
51031540000120	315/400	7,7	1200
51035540000120	355/400	7,7	1200

## 7. Roof Entry Sleeve

# Roof Entry Sleeve

Item	Dimension1	Dimension2	Wall	Lenght
6000050000010	50	63	3,0	500
6000090000010	90	101	3,0	500
6000110000010	110	121	3,0	500
6000125000010	125	136	3,0	500
6000140000010	140	153	3,0	500
6000160000010	160	172	3,0	500
6000180000010	180	194	3,2	500
6000200000010	200	216	3,4	500
6000225000010	225	243	3,6	500
6000250000010	250	270	3,9	500
6000280000010	280	301	4,5	500
6000315000010	315	338	4,5	500
6000355000010	355	381	4,9	500
6000400000010	400	426	6,3	500
6000450000010	450	479	7,0	500
6000500000010	500	533	7,8	500



## 8. Montage Bend

# Montage Bend in Sliding Pipe

<45° L: 0,5 x 0,5 – segment

>45° L: 0,5 x 0,5 m + segment

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
7500900090050040	90	3,0	500	7500900090050090	90	3,0	500
7501100110050040	110	3,0	500	7501100110050090	110	3,0	500
7501250125050040	125	3,0	500	7501250125050090	125	3,0	500
7501400140050040	140	3,0	500	7501400140050090	140	3,0	500
7501600160050040	160	3,0	500	7501600160050090	160	3,0	500
7501800180050040	180	3,0	500	7501800180050090	180	3,0	500
7502000200050040	200	3,2	500	7502000200050090	200	3,2	500
7502250225050040	225	3,4	500	7502250225050090	225	3,4	500
7502500250050040	250	3,6	500	7502500250050090	250	3,6	500
7502800280050040	280	3,9	500	7502800280050090	280	3,9	500
7503150315050040	315	4,5	500	7503150315050090	315	4,5	500
7500900090100040	90	3,0	1000	7500900090100090	90	3,0	1000
7501100110100040	110	3,0	1000	7501100110100090	110	3,0	1000
7501250125100040	125	3,0	1000	7501250125100090	125	3,0	1000
7501400140100040	140	3,0	1000	7501400140100090	140	3,0	1000
7501600160100040	160	3,0	1000	7501600160100090	160	3,0	1000
7501800180100040	180	3,0	1000	7501800180100090	180	3,0	1000
7502000200100040	200	3,2	1000	7502000200100090	200	3,2	1000
7502250225100040	225	3,4	1000	7502250225100090	225	3,4	1000
7502500250100040	250	3,6	1000	7502500250100090	250	3,6	1000
7502800280100040	280	3,9	1000	7502800280100090	280	3,9	1000
7503150315100040	315	4,5	1000	7503150315100090	315	4,5	1000

# Montage Bend in Casing Pipe

<45° L: 0,5 x 0,5 – segment

>45° L: 0,5 x 0,5 m + segment

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
7600900090050040	90	3,0	500	7600900090050090	90	3,0	500
7601100110050040	110	3,0	500	7601100110050090	110	3,0	500
7601250125050040	125	3,0	500	7601250125050090	125	3,0	500
7601400140050040	140	3,0	500	7601400140050090	140	3,0	500
7601600160050040	160	3,0	500	7601600160050090	160	3,0	500
7601800180050040	180	3,0	500	7601800180050090	180	3,0	500
7602000200050040	200	3,2	500	7602000200050090	200	3,2	500
7602250225050040	225	3,4	500	7602250225050090	225	3,4	500
7602500250050040	250	3,6	500	7602500250050090	250	3,6	500
7602800280050040	280	3,9	500	7602800280050090	280	3,9	500
7603150315050040	315	4,5	500	7603150315050090	315	4,5	500
7600900090100040	90	3,0	1000	7600900090100090	90	3,0	1000
7601100110100040	110	3,0	1000	7601100110100090	110	3,0	1000
7601250125100040	125	3,0	1000	7601250125100090	125	3,0	1000
7601400140100040	140	3,0	1000	7601400140100090	140	3,0	1000
7601600160100040	160	3,0	1000	7601600160100090	160	3,0	1000
7601800180100040	180	3,0	1000	7601800180100090	180	3,0	1000
7602000200100040	200	3,2	1000	7602000200100090	200	3,2	1000
7602250225100040	225	3,4	1000	7602250225100090	225	3,4	1000
7602500250100040	250	3,6	1000	7602500250100090	250	3,6	1000
7602800280100040	280	3,9	1000	7602800280100090	280	3,9	1000
7603150315100040	315	4,5	1000	7603150315100090	315	4,5	1000

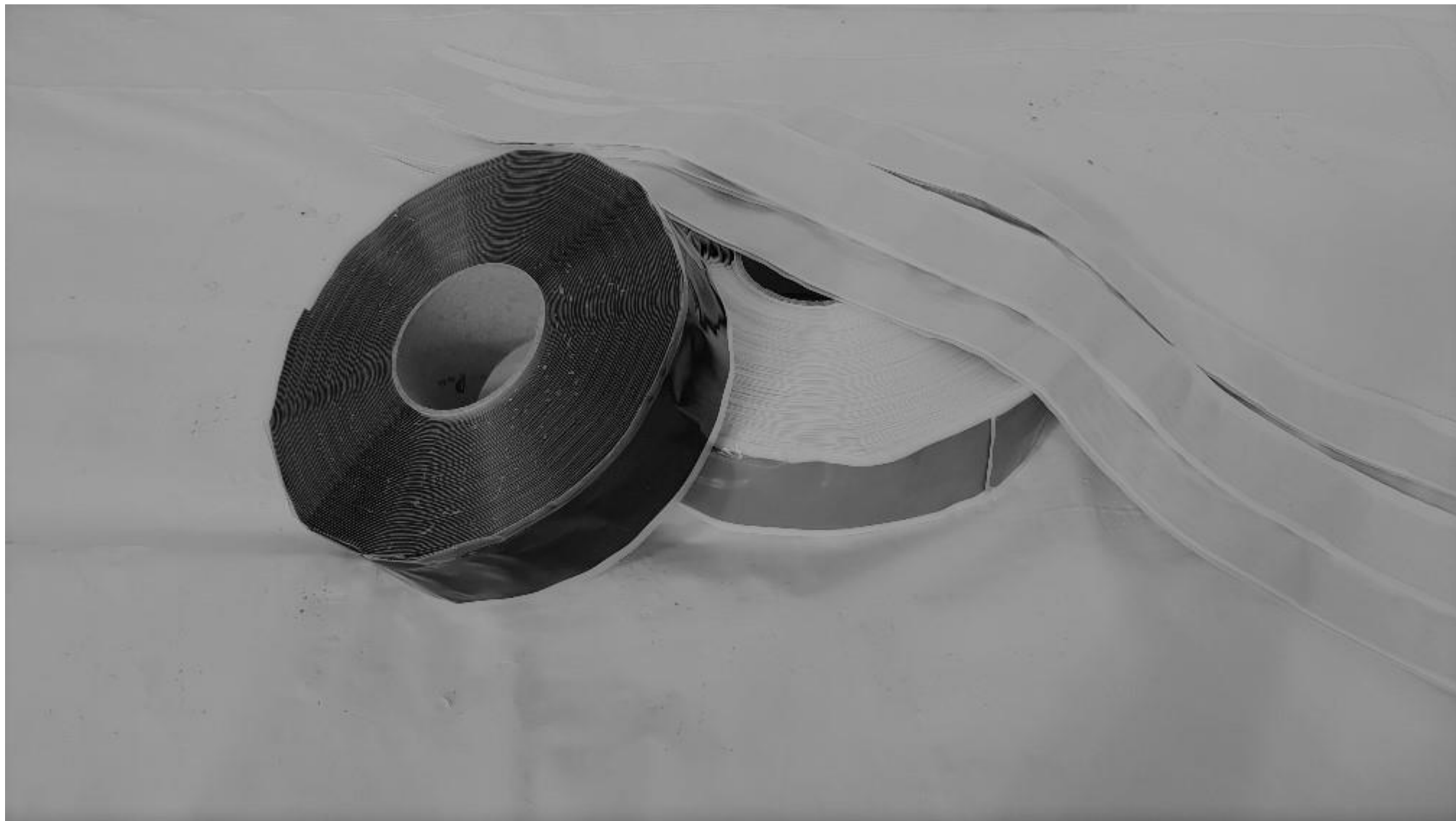
# Montage Bend in Fitting Pipe

<45° L: 0,5 x 0,5 – segment

>45° L: 0,5 x 0,5 m + segment

Item	Dimension	Wall	Lenght	Item	Dimension	Wall	Lenght
7700900090050040	90	4,0	500	7700900090050090	90	4,0	500
7701100110050040	110	4,0	500	7701100110050090	110	4,0	500
7701250125050040	125	4,1	500	7701250125050090	125	4,1	500
7701400140050040	140	4,5	500	7701400140050090	140	4,5	500
7701600160050040	160	5,0	500	7701600160050090	160	5,0	500
7701800180050040	180	5,0	500	7701800180050090	180	5,0	500
7702000200050040	200	5,0	500	7702000200050090	200	5,0	500
7702250225050040	225	5,5	500	7702250225050090	225	5,5	500
7702500250050040	250	6,1	500	7702500250050090	250	6,1	500
7702800280050040	280	6,9	500	7702800280050090	280	6,9	500
7703150315050040	315	7,7	500	7703150315050090	315	7,7	500
7700900090100040	90	4,0	1000	7700900090100090	90	4,0	1000
7701100110100040	110	4,0	1000	7701100110100090	110	4,0	1000
7701250125100040	125	4,1	1000	7701250125100090	125	4,1	1000
7701400140100040	140	4,5	1000	7701400140100090	140	4,5	1000
7701600160100040	160	5,0	1000	7701600160100090	160	5,0	1000
7701800180100040	180	5,0	1000	7701800180100090	180	5,0	1000
7702000200100040	200	5,0	1000	7702000200100090	200	5,0	1000
7702250225100040	225	5,5	1000	7702250225100090	225	5,5	1000
7702500250100040	250	6,1	1000	7702500250100090	250	6,1	1000
7702800280100040	280	6,9	1000	7702800280100090	280	6,9	1000
7703150315100040	315	7,7	1000	7703150315100090	315	7,7	1000

## 9. Mastic



## Mastic (2 pieces in bags)

Item	Dimension	Lenght
84000770027010	77	270
84000900032010	90	320
84001100038010	110	380
84001250043010	125	430
84001400048010	140	480
84001600054010	160	540
84001800060010	180	600
84002000066510	200	665
84002250074510	225	745
84002500083010	250	830
84002800092010	280	920
84003150102010	315	1020
84003550117010	355	1170
84004000131010	400	1310
84004500149510	450	1495
84005000165510	500	1655
84005200172010	520	1720
84005600185510	560	1855
84006300208010	630	2080
84007100233510	710	2335
84007800256010	780	2560
84008000261510	800	2615
84008400273010	840	2730
84009000292510	900	2925
84010000327510	1000	3275
84011000359510	1100	3595
84012000391510	1200	3915
84013000421510	1300	4215
84014000452010	1400	4520

## Mastic (one pieces to munt. Inside pipe)

Item	Dimension	Lenght
84000630025020	63	250
84000770027020	77	270
84000900036120	90	361
84001100043020	110	430
84001250048020	125	480
84001400053320	140	533
84001600059620	160	596
84001800067520	180	675
84002000074420	200	744
84002250083720	225	832
84002500092620	250	926
84002800102020	280	1020
84003150114620	315	1146
84003550128720	355	1287
84004000144420	400	1444
84004500161720	450	1617
84005000182720	500	1827
84005600202220	560	2022
84006300225720	630	2257
84007100253720	710	2537
84008000282620	800	2826

## 10. IPSM and Sprink Film





Item	Dimension1	Lenght	Item	Dimension1	Lenght
8501150801502	115/80	150	8501150804502	115/80	450
8501300901502	130/90	150	8501300904502	130/90	450
8501551001502	155/100	150	8501551004502	155/100	450
8501551003002	155/100	300	8501701104502	170/110	450
8501701101502	170/110	150	8501901254502	190/125	450
8501901251502	190/125	150	8502101344502	210/134	450
8502101341502	210/134	150	8502251454502	225/145	450
8502251451502	225/145	150	8502601654502	260/165	450
8502601651502	260/165	150	8502901854502	290/185	450
8502601652252	260/165	225	8503302104502	330/210	450
8502901851502	290/185	150	8503702354502	370/235	450
8502901852252	290/185	225	8503952504502	395/250	450
8503302101502	330/210	150	8504502854502	450/285	450
8503302102252	330/210	225	8505053154502	505/315	450
8503702351502	370/235	150	8505553504502	555/350	450
8503702352252	370/235	225	8506233854502	623/385	450
8503952501502	395/250	150	8507754804502	775/480	450
8503952502252	395/250	225	8508655254502	865/525	450
8504502852252	450/285	225			
8505053152252	505/315	225			
8505553502252	555/350	225			
8506233852252	623/385	225			
8507754802252	775/480	225			
8508655252252	865/525	225			