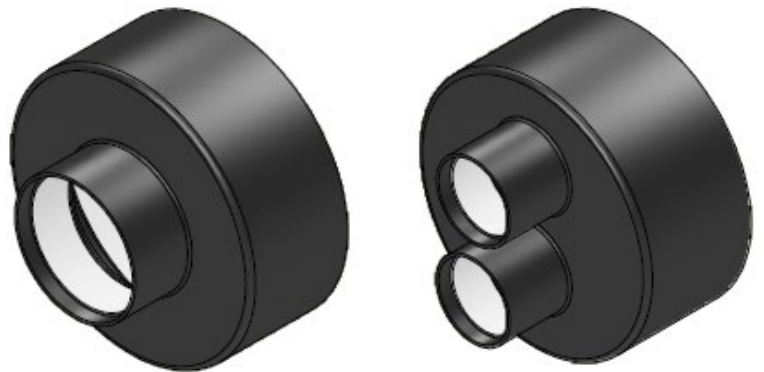


Heat shrink end cap for Flexalen® PU and Prefab items

Heat-shrinkable end cap for a watertight protection of pre-insulated PU pipe ends.



Product application

The heat shrink product is designed for sealing and protecting the PU foam at the pipe ends of pre-insulated Flexalen PU coil, sticks and PU prefabricated items.

Material information

The heat-shrinkable end cap features a cross-linked polyethylene backing that conforms perfectly to the casing pipe, foam and service pipe.

This ensures full contact of the adhesive layer with the underlying casing and service pipe, creating a barrier that is impermeable to moisture ingress. The heat-shrinkable end caps comply with the pressure test requirements of EN 489.

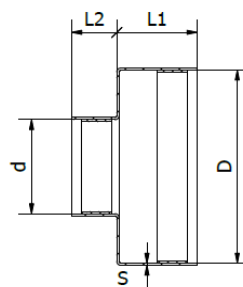
Adhesive Properties	Standard	Typical Values
Water absorption	ASTM D570	< 0.1%
Lap Shear @ 23°C	EN 12068	17 N/cm ²
Backing Properties		
Tensile Strength	ASTM D638	22MPa
Elongation	ASTM D638`	450%
Sleeve Properties		
Adhesion Strength at 23°C	ISO 21809-3	14 N/cm



Availability:

Single pipe		OD [mm] Casing pipe													
OD [mm] service pipe		90	110	125	140	160	180	200	225	250	280	315	355	400	450
	25	css 10													
	32	css 30													
	40	css 40	css 40	css 40											
	50	css 50		css 50		css 60									
	63			css 70	css 70	css 80									
	75					css 80	css 80								
	90					css 90	css 90	css 90							
	110							css 90		css 100					
	125							css 90	css 90	css 100					
	140								css 100		css 110				
	180										css 120				
	200										css 120				
	160									css 110		css 120			
	225											css 120		css 130	
	250												css 130		
	280													css 140	
	315														css 140

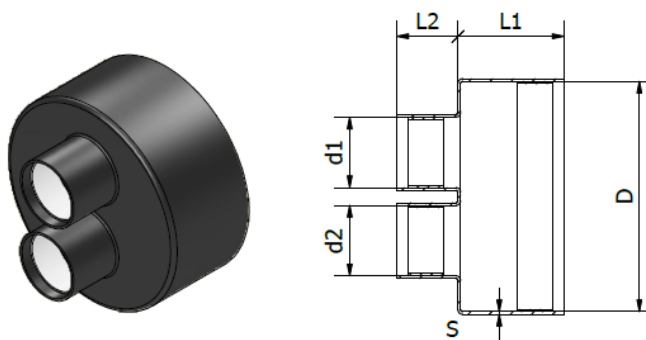
css xx means type designation on heat shrink end



Product code	CSS size	Before shrinking [max.]		After shrinking [min.]		Length [mm]		Wall thickness [mm] S	Width mastic in [mm]
		D [mm]	d [mm]	D [mm]	d [mm]	L1	L2		
1745-025025-000	css 10	105	30	47	10	40	75	2.2	30
1745-032032-000	css 30	105	40	75	24	40	75	2.2	30
1745-040040-000	css 40	135	55	75	24	40	75	2.2	30
1745-050050-000	css 50	148	60	75	24	40	75	2.2	30
1745-050050-001	css 60	175	60	135	30	45	80	2.2	30
1745-063063-000	css 70	150	90	90	40	45	80	2.2	30
1745-063075-000	css 80	195	95	130	50	45	80	2.2	30
1745-090125-000	css 90	240	145	145	68	45	80	2.2	30
1745-110140-000	css 100	270	150	145	68	45	80	2.2	30
1745-140160-000	css 110	295	180	220	120	50	100	2.2	30
1745-160225-000	css 120	360	255	220	120	50	100	2.2	30
1745-225225-000	css 130	420	280	340	200	50	100	2.2	30
1745-315315-000	css 140	540	415	340	200	50	100	2.2	30



Double pipe		OD [mm] casing pipe							
OD [mm] service pipe		110	125	140	160	180	200	250	280 315
	25 + 25	css 2-10	css 2-10		css 2-50				
	32 + 32		css 2-30		css 2-60	css 2-60			
	40 + 40			css 2-30	css 2-60		css 2-70		
	50 + 50				css 2-70	css 2-70	css 2-70		
	63 + 63						css 2-90	css 2-100	
	75 + 75							css 2-100	N/a
	90 + 90								N/a N/a



Product code	CSS 2 size	Before shrinking [max.]			After shrinking [min.]			Length [mm]		Wall thickness [mm] S	Width mastic in [mm]
		D [mm]	d1 [mm]	d2 [mm]	D [mm]	d1 [mm]	d2 [mm]	L1	L2		
1745-025025-200	css 2-10	135	28	28	85	10	10	90	50	2.2	30
1745-032040-200	css 2-30	160	60	50	105	24	20	90	50	2.2	30
1745-025025-201	css 2-50	185	34	34	135	24	24	90	50	2.2	30
1745-032040-201	css 2-60	200	48	48	135	24	24	90	50	2.2	30
1745-040050-200	css 2-70	235	60	60	135	24	24	90	50	2.2	30
1745-063063-200	css 2-90	250	85	85	175	55	55	90	50	2.2	30
1745-063075-200	css 2-100	260	105	105	175	55	55	90	50	2.2	30

Storage:

- Store indoors (keep dry and clean)
- Protect from direct sunlight
- To ensure maximum performance, store the heat shrink endcaps in a dry, ventilated area between +5°C and +40°C.