

# Single Branch 45° CIS32



## Features and Benefits

- Excellent acoustic properties
- 100 percent recyclable
- High durability and abrasion resistance
- Optimum corrosion protection
- Not susceptible to temperature changes

## Material Specifications

Description	Materials
Core	Grey Cast Iron with lamellar graphite
Coating	Cross-linked red-brown colour resin epoxy coating (40 µm)

## Product Codes and Dimensions

STOCK NO.	Nominal Diameter (mm)	L(mm)	X1(mm)	X2(mm)	X3(mm)	Weight (KG)
52087	50	185	50	135	135	1.40
52088	70	215	55	160	160	2.10
52089	100	275	70	205	205	4.40
52090 *	125	320	80	240	240	6.10
52091	150	355	90	265	265	8.30
52092	200	455	115	340	340	17.20
52223 *	250	560	130	430	430	31.50
52224 *	300	660	155	505	505	48.20
52093	70 x 50	190	40	150	150	1.60
52094	100 x 50	200	35	165	165	2.30
52095	100 x 70	235	50	185	185	3.00
52096 *	125 x 50	205	20	185	185	3.20
52097 *	125 x 70	240	40	200	200	4.00
52098 *	125 x 100	280	60	220	220	5.00
52099	150 x 70	245	30	215	215	5.30
52100	150 x 100	295	55	240	240	6.50
52101 *	150 x 125	325	70	255	255	7.20
52103	200 x 100	305	40	265	265	10.00
52104 *	200 x 125	335	55	280	280	11.60
52105	200 x 150	375	75	300	300	13.30
52225 *	250 x 100	325	15	310	310	13.60
52226 *	250 x 125	370	35	335	335	16.30
52227 *	250 x 200	475	90	385	385	20.40
52228 *	300 x 125	375	15	360	360	21.00
52229 *	300 x 200	485	70	440	415	30.00
52230 *	300 x 250	580	115	465	465	36.90

## Technical Data

- Reaction to fire according to EN 13501: A2. (Non combustible)
- Chemical resistance to wide range: pH2 to pH12
- Tensile strength:  $\geq 150$  MPa
- Compression strength:  $\geq 450$  MPa
- Shear strength:  $\geq 165$  MPa
- Density: approx. 7.2 kg/dm<sup>3</sup> (71.5 kN/m<sup>3</sup>)
- Acoustic rated according to EN 14366:2005
- Low thermal expansion (0.0105 mm/mK)

## Applicable Standards

- Pipe and Fittings Standard: EN 877
- Design Standard: DIN 19522
- Quality standard: RAL-GZ 698

