



Composite Hose Joint Type 514PIV



Applications

This type is developed as a hose suitable for a flexible connection in pipe drain systems because its capacity to bend in a 90 degree angle on very short lengths. Due to the polypropylene plain cover the hose can also be on the outside exposed by the product. To prevent permeation of product through the hose a various of elastomeric layers and tubes are used along with providing a 100% aromatic resistant barrier.

The Amnitec flexible joint, type 514PIV, can replace swivel joints in floating roof pipe drain systems. Note: The flexible joint is delivered without side plates (brackets).

Technical description

Lining:	Polypropylene
Inner wire:	Stainless Steel 316
Outer wire:	SSP514PIV, Stainless Steel 316
Cover:	Polypropylene, No marking, white temperature range: -30°C to + 80°C (-22°F to + 176°F)
Electrical properties:	Electrically conductive
According standard:	EN13765:2010, Type 2

End fittings

Specially designed flange connections have been developed for use with Amnitec flexible joint. By means of a hydraulic operated press, a ferrule is externally swaged onto the hose to secure the hose shank and guarantee a leak proof connection between hose and fitting. All ferrules are welded to the end fitting before swaging for even safer operating conditions.

TECHNICAL DATA: TYPE SSP514PIV					
Inside Diameter		Working Pressure		Shortest overall length end fittings included	
Inches	mm	PSI	Bar	Inches	mm
2	50	150	10	20½	520
3	80	150	10	24½	620
4	100	150	10	29¾	755
6	150	150	10	37	940
8	200	150	10	53	1350

Pressure based on safety factor 5:1

All information in this document is without any obligation, dimensions and weight are approximate only and the specifications are subject to change without any notice.

