

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 Amniflex 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
Standard	: EN13765:2018, Type 2

Physical properties

Maximum elongation	: 10% on test pressure
Vacuum range	: 0,9 bar

End Fittings

Specially designed end fittings have been developed for use with Amniflex Composite hoses, including threaded ends, flanged ends and other connections. 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

Safety factor acc. EN 13765:2018

All information in this document is without any obligation, specifications subject to change without any notice.

Amniflex B.V.

Abraham van Stolkweg 118
3041 JA, Rotterdam
T: +31(0)10 2982121
E: amniflex@plastiflex.com
www.amniflex.com

BTW nr. NL862140729B01
Bank: KBC Bank NV
KREDNL2XXXX
IBAN NL23 KRED0633024376

K.v.K. Rotterdam nr. 81568053

Al onze aanbiedingen en leveranties geschieden volgens onze algemene leveringsvoorwaarden.

