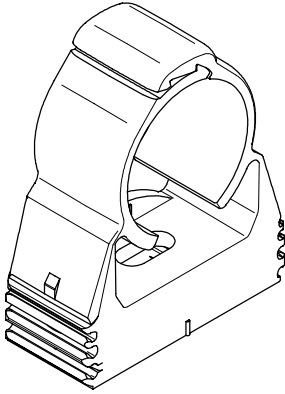


Technical data sheet TD 6

Chemical resistance of pipe clamps, plastic, self locking



Type:	starQuick®
Hersteller:	starQuick International Ltd Lochrütired CH-6386 Wolfenschiessen
Description:	plastic pipe clamp with automatic locking mechanism for internal and external applications. Each size enables the taking up of the starQuick® nut. Up to and including SQ 28 the clamps can be tacked together.
Application:	the starQuick® pipe clamps are especially suitable for the fixing of pipes in the field of sanitary, electrical (Pg and metric systems), heating, air-conditioning and also galvanic and chemical industries, clean rooms, swimming pools etc.

Chemical resistance:

The starQuick® clips are made from modified polyamide PA 6.

Polyamide has been chosen on the strength of its excellent physical properties and high resistance against chemical influences.

For the physical properties please ask for technical datasheet TD 7.

Characteristics of the chemical resistance:

Resistant against: petrol, benzene, diesel, acetone, solvents for paint and lacquer, oils and greases

Not resistant against: bleaching agents, most acids, chlorine

A detailed list of chemical resistance can be found on the back of this sheet.

Note: Further technical data can be requested from the technical service of the manufacturer.

chemical resistance of starQuick® articles from PA6®

	concentration	attitude at 23 °C		concentration	attitude at 23 °C
acetic acid	5%	o		glycol	o
acetic acid	100%	-		glysantin	+
acetone		+		greases and waxes	+
acetylene		+		greasy alcohol	+
ammonia	liquid	+		heptane, hexane	+
aqua regia		-		hexafluorolopropanol	LS
benzene		+		hydraulic oil	+
brake fluid		+		hydrochloric acid	10%
butanal		+		inert gasses	+
butane		+		isoctane	+
butyl acetate		+		isopropanol	+
calcium hypochlorite		-		ketone, aliphatic	+
carbon monoxide		+		methanol	o
carbon tetrachloride		+		methylene chloride	-
carbonic acid		+		mineral oils	o
chlorine		-		motor oils	+
chloro benzene		+		naphthalene	+
chlorofluorohydrocarbone		+		nitric acid	10%
chloroform		o		nitro lacquer	o
citric acid	10%	+		oleum	-
cresol		LS		ozone	-
decalin		+		paraffin	+
dibutyl phthalate		+		perchloric acid	-
diesel fuel (see fuels)				petroleum ether	+
dim ethyl ether		+		petrol's (see fuels)	
dim ethyl form amide		o		phenol	LS
dioctyl phthalate (DOP)		+		phosphoric acid	10%
dioxene		+		potassium hydroxide	10%
ethanol		o		salt solutions	+
ethyl acetate		+		silicone oils	+
ethyl ether		+		sodium hydroxide	10%
ethylene oxide		+		soldering flux	-
fatty acids		+		styrene	+
formic acid	10%	-		sulphuric acid	10%
formic acid	95%	LS		sulphuric acid	concentrated
fuel oil		+		tetrahydrofuran	+
fuels				toluene	+
diesel		+		trichloroethane	+
FAM		+		trichloroethylene	o
M-15		+		turpentine	+
premium		+		turpentine oil substitute	+
regular		+		varnishes	+
gear oil		+		water	+
glycerol		+		xylene	o
resistant; no or only negligible changes in weight				+	
relatively constant, i.e. short time contact with agents possible				o	
not resistant; considerable deterioration in mechanical properties				-	
soluble; solvent				LS	
SUMMARY					
resistant against:	petrol, benzene, diesel, acetone, solvents for paint and lacquer, oils and greases				
not resistant against:	bleaching agents, most acids, chlorine				
Disclaimer					
The values are recommended values and based on our current technical knowledge, experiences and statements in the literature. They do not relieve the user from own testing of the end product due to the large parameter influences during processing and application. A legal confirmed assurance of properties or the suitability for a specific application cannot be based on our specifications.					