



# RECTUCHEM®



### Technical Description

PVDF tubing resists a broad range of chemicals, and its low permeability, out-gassing and extractable properties make it ideal for ultrapure applications. Unlike PTFE, PVDF withstands radiation and has excellent mechanical properties that resist creep and cold flow, while offering significant cost savings.

### Special physical features

- Complies with USP Class VI Standards
- Acceptable for USDA
- Meets FDA Requirements and UL 94 V-0 (Flame Retardant Requirements)
- Odorless & Tasteless
- Sterilizable by Gamma Radiation, Autoclave or Ozones
- Acceptable for 3-A Sanitary Standards for Dairy Equipment

### Typical Chemical Applications:

Pesticides, petrochemical, wastewater treatment, pulp and paper bleaching operations

### Chemical Resistance:

Oxidants, radiation, ultraviolet radiation, acids, alcohol, aliphatic, aromatics, mild basis, chloride, halogens, fungus, out-gassing

### Technical Data

Temperature Range:  
-40°C up to +120°C

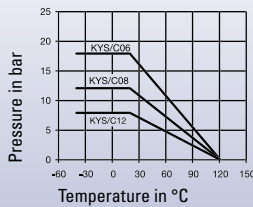
Maximum Operating Pressure:  
see chart

Color: opak

All technical data refers to air applications. We will gladly assist you for other media.

Useable with PVDF couplings  
21 series + 48 series.  
(Page 232)

**Relation Working Pressure / Temperature**  
(only for hoses, not for fittings!)



## Straight

## Nycoil RECTUCHEM

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Part Number	DS
	4,0 x 6,0		25 m	KYS06/025/00	■
	6,0 x 8,0		25 m	KYS08/025/00	■
	10,0 x 12,0		25 m	KYS12/025/00	■

## Coiled

## Nycoil RECTUCHEM

	Inside x Outside Ø mm	Coil Outside Diameter mm	Working Length	Part Number	DS
	4,0 x 6,0	40	2,5 m	KYC06/025/00	■
			6,0 m	KYC06/060/00	■
	6,0 x 8,0	65	2,5 m	KYC08/025/00	■
			6,0 m	KYC08/060/00	■
	9,0 x 12,0	140	2,5 m	KYC12/025/00	■
			6,0 m	KYC12/060/00	■

DS = Delivery Status: ■ in stock    □ on short call    ▣ medium term delivery