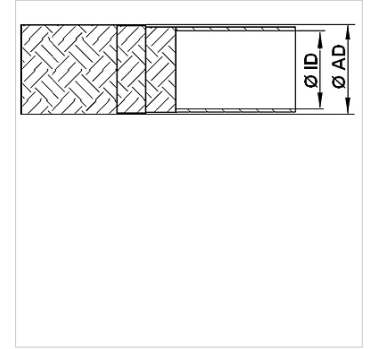


# KTF 300

## PTFE hose

### Properties

<b>Application</b>	High-pressure applications with hydraulic fluids and aggressive media
<b>Application</b>	Mainly for the chemical and food industries
<b>Design</b>	Smooth inliner in white PTFE thick-walled
<b>Properties</b>	The smooth inner liner prevents residue buildup in the hose
<b>Hose material</b>	PTFE (polytetrafluoroethylene)
<b>Braiding</b>	two braids of steel wired, bronzed, one layer of steel wire galvanised.
<b>Temp. min.</b>	-70 °C
<b>Temp. max.</b>	250 °C
<b>Temp.</b>	applies for the hose only



### Note

The pressure values listed apply to hoses only.<br>  
The tubular fabric has a safety factor (SF) 4 against bursting<br>  
From 50 °C the pressure reduction factor is to be taken into account.<br>  
(Max. operating pressure = operating pressure x factor).<br>  
Temp.: 100 °C / 150 °C / 200 °C<br>  
Factor: 0,95 / 0,90 / 0,83

### Ordering information

Other designs available on request

Item	Internal Ø (mm)	External Ø (mm)	Min. bending radius (mm)	OP at 20°C (stat.) (bar)	Weight per m (kg)
KTF 306	6,2	11,2	60	500,0	0,262
KTF 308	8,0	13,4	85	475,0	0,345
KTF 310	10,0	15,7	110	475,0	0,442
KTF 313	12,2	18,8	150	450,0	0,600
KTF 316	15,1	21,6	175	400,0	0,700
KTF 320	20,2	27,8	200	300,0	1,055
KTF 325	24,2	31,7	240	275,0	1,205