

# THERMOCLEAN® AL 20



- 1 Light blue cover in soft, non-staining, greaseproof, detergent and disinfectant resistant food grade PVC
- 2 Adhesion layer in food grade soft PVC
- 3 Polyester fibre reinforcement
- 4 Adhesion layer in food grade soft PVC
- 5 White soft PVC, food grade, resistant to detergents and disinfectants

## Hot water cleaning hose for medium pressure (20 bar to 70°C).

Four layer structure. Non-staining blue outer cover with high resistance polyester fibre reinforcement. Special intermediate adhesive layer and white inner layer with high temperature performance.

### APPLICATIONS

Industrial cleaning in industry and food industry

### SECTORS OF ACTIVITY

Food processing industries (dairies, slaughterhouses, etc), local communities (canteens, refectories, kitchens...), shopkeepers (butcher's, fish shops, markets...)

### SIMULANTS A, B, C

- fruit juices
- wines



### Marking

THERMOCLEAN® AL 20 (EU) N° 10/2011 20 BAR / 70°C [year of fabrication] [Batch number]

### ADVANTAGES

Material properties used to manufacture THERMOCLEAN® AL 20 make it a high performance, safe and reliable hose capable to withstand heavy duty applications:

- high temperature performance (up to 70°C under 20 bar continuously, peaks possible up to 80°C); four highly flexible polymer components provide excellent handling;
- non-staining blue outer cover is resistant to oils, grease and detergents;
- food-grade quality.

### CONNECTORS

Barbed connectors with two O clips (O clips should be recrimped after first use). Swaged connectors with ferrules is possible.

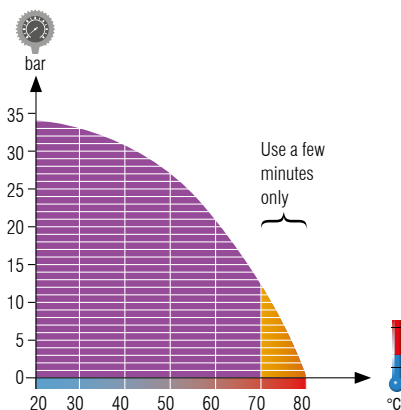
### RECOMMENDATION

To ensure a better connection, we recommend assembly after the hose end has been put in hot water at 60°C for 30 seconds.

### CHEMICAL RESISTANCE

See table pages 102 to 105 column B.

mm	+/- mm	mm	+/- mm	mm	g/m	Blue				Blue		
						20°C bar	70°C bar	20°C bar	70°C bar	25 m	100 m	
12	+/-0.6	20	+/-0.6	4	236	100	60	33	20	108	100236	100237
16	+/-0.6	24	+/-0.6	4	311	100	60	33	20	144	100268	
19	+/-0.8	28	+/-0.8	4.5	409	100	60	33	20	171	100284	



**MAXIMUM WORKING PRESSURE**  
20 BAR AT 70°C