

For a healthy indoor environment

This overview serves as a guideline for respecting hygiene requirements when designing HVAC units.

By using VDI 6022 guidelines for construction and optimization, you will achieve a high standard of hygiene and health safety, and avoid fungus, bacteria and odors in your system.

Product type			Cell structure / Closed skin or surface	Abrasion / detergent resistance and disinfectant proof *	Material
FOAMS					
HYGIENIC 33	✓	✓	Closed cells / YES	YES	PE foam
HYGIENIC 33 Foil	✓	✓	Closed cells / YES	YES	PE foam
HYGIENIC 110	✓	✓	Closed cells / YES	YES	PVC foam
HYGIENIC 110 Foil	✓	✓	Closed cells / YES	YES	PVC foam
HYGIENIC 110 Black	✓	✓	Closed cells / YES	YES	PVC foam
DAFA Soft FR 5 kPa	Not applicable	✓	SEMI closed cells / YES	YES	PE foam
Poron 2 (4790-92-12059-04P)	Not applicable	✓	SEMI closed cells / NO	YES	PUR foam
HYGIENIC 120	Not applicable	✓ ***	Closed cells / YES	YES	Cellular rubber
HYGIENIC 175	Not applicable	✓ ***	Closed cells / YES	YES	Cellular rubber
PROFILES					
HYGIENIC D-profile 12x10 with adhesive	✓	✓	Closed cells / YES	YES	EPDM
HYGIENIC D-profile 8x10 with adhesive	✓	✓	Closed cells / YES	YES	EPDM
HYGIENIC Profile 10x12 with adhesive	✓	✓	Closed cells / YES	YES	EPDM
HYGIENIC Clamping profil T	✓	✓	Closed cells / YES	YES	EPDM
HYGIENIC Clamping profile S	✓	✓	Closed cells / YES	YES	EPDM
HYGIENIC P-profile 9x5.5 with adhesive	✓	✓	Closed cells / YES	YES	EPDM
ROTOR SEALS					
HYGIENIC Brushlist S 13	Not applicable	✓	Not applicable	YES	PP
HYGIENIC Beam Seal	✓	✓	Solid / YES	YES	PUR

About ISO 846

The ISO 846 test is an important part of the VDI 6022 guidelines. The test determines and evaluates the material's resistance to fungi and bacteria.

DAFA has extensive knowledge of VDI 6022 requirements. We constantly strive to find new materials suitable to VDI 6022 and can assist and advise our customers in choosing the right materials and solutions.

*Follow separate datasheet instructions **Can be tested upon request ***Only ISO 846a certified, ISO 846c in preparation

