

## UF\_UNIT\_MEASURE\_TYPE\_e [\(view source\)](#)

Defined in: `uf_unit_types.h`

Also known as:

- `UF_UNIT_MEASURE_TYPE_t`
- `UF_UNIT_MEASURE_TYPE_p_t`

### Data Members

`UF_MEASURE_INVALID = -2`

`UF_MEASURE_UNITLESS = -1`

`UF_MEASURE_LENGTH = 0`

`UF_MEASURE_AREA`

`UF_MEASURE_VOLUME`

`UF_MEASURE_MASS`

`UF_MEASURE_MASS_DENSITY`

`UF_MEASURE_FATIGUE_STRENGTH_COEFF`

`UF_MEASURE_TIME`

`UF_MEASURE_ANGLE`

`UF_MEASURE_VELOCITY`

`UF_MEASURE_ACCELERATION`

`UF_MEASURE_FORCE`

`UF_MEASURE_FORCE_PER_LENGTH`  
Pressure on Edge, Edge Shear

`UF_MEASURE_FORCE_PER_AREA`  
Pressure on Face

`UF_MEASURE_MOMENT`

`UF_MEASURE_STRESS`

**UF\_MEASURE\_STRAIN**

**UF\_MEASURE\_STRAIN\_ENERGY**

**UF\_MEASURE\_STRAIN\_ENERGY\_DENSITY**

**UF\_MEASURE\_TEMPERATURE**

**UF\_MEASURE\_HEAT\_FLUX**

**UF\_MEASURE\_CONVECTION\_COEFF**

**UF\_MEASURE\_THERMAL\_CONDUCTIVITY**

**UF\_MEASURE\_THERMAL\_EXPANSION\_COEFF**

**UF\_MEASURE\_SPECIFIC\_HEAT**

**UF\_MEASURE\_ANGULAR\_VELOCITY**

**UF\_MEASURE\_ANGULAR\_ACCELERATION**

**UF\_MEASURE\_FATIGUE\_LIFE**

**UF\_MEASURE\_HEAT\_FLOW**

**UF\_MEASURE\_THERMAL\_ENERGY**

**UF\_MEASURE\_MASS\_MOMENT\_INERTIA**

**UF\_MEASURE\_DYNAMIC\_VISCOSITY**

**UF\_MEASURE\_HEAT\_GENERATION**

**UF\_MEASURE\_CONDUCTANCE**

**UF\_MEASURE\_LENGTH\_CONDUCTANCE**

**UF\_MEASURE\_THERMAL\_RESISTANCE**

**UF\_MEASURE\_MASS\_FLOW**

**UF\_MEASURE\_VOLUME\_FLOW**

**UF\_MEASURE\_TEMPERATURE\_DIFFERENCE**

**UF\_MEASURE\_FREQUENCY**

**UF\_MEASURE\_COEFFICIENT\_LENGTH**

**UF\_MEASURE\_MOMENT\_OF\_INERTIA\_AREA**

**UF\_MEASURE\_VISCOUS\_DAMPING**

**UF\_MEASURE\_ENERGY**

**UF\_MEASURE\_POWER**

**UF\_MEASURE\_MOMENTUM**

**UF\_MEASURE\_TEMPERATURE\_GRADIENT**

**UF\_MEASURE\_ENERGY\_PER\_MASS**

**UF\_MEASURE DISSIPATION\_RATE\_OF\_ENERGY\_PER\_MASS**

**UF\_MEASURE\_MASS\_FLUX**

**UF\_MEASURE\_MASS\_PER\_LENGTH**

**UF\_MEASURE\_MASS\_PER\_AREA**

**UF\_MEASURE\_ELECTRIC\_CURRENT**

**UF\_MEASURE\_ELECTRICAL\_RESISTANCE**

**UF\_MEASURE\_ELECTRICAL\_RESISTIVITY**

**UF\_MEASURE\_ELECTRICAL\_CONDUCTANCE**

**UF\_MEASURE\_VOLTAGE**

**UF\_MEASURE\_VOLTAGE\_PER\_TEMPERATURE**

Seebeck coefficient

**UF\_MEASURE\_DIFFUSIVITY**

**UF\_MEASURE\_LATENT\_HEAT\_PER\_MASS**

UF\_MEASURE\_THERMAL\_ENERGY\_PER\_AREA

UF\_MEASURE\_THERMAL\_PID\_GAIN

UF\_MEASURE\_THERMAL\_PID\_INTEGRAL

UF\_MEASURE\_THERMAL\_PID\_DERIVATIVE

UF\_MEASURE\_HEADLOSS\_COEFF

UF\_MEASURE\_TSAI\_WU\_COEFF

UF\_MEASURE\_MASS\_LENGTH

UF\_MEASURE\_PER\_VOLUME

UF\_MEASURE\_WARPING\_CONSTANT

UF\_MEASURE\_STRESS\_COMPLIANCE

UF\_MEASURE\_LENGTH\_PER\_PRESSURE

UF\_MEASURE\_PRESSURE\_PER\_LENGTH

UF\_MEASURE\_PRESSURE\_PER\_VELOCITY

UF\_MEASURE\_MOMENT\_PER\_ANGLE

UF\_MEASURE\_COEFFICIENT\_PER\_TIME

UF\_MEASURE\_ANGULAR\_MOMENTUM\_PER\_ANGLE

UF\_MEASURE\_THERMAL\_CAPACITANCE

UF\_MEASURE\_INDUCTANCE

UF\_MEASURE\_VOLTAGE\_PER\_ANGULAR\_VELOCITY

UF\_MEASURE\_PER\_AREA

UF\_MEASURE\_TEMPERATURE\_CHANGE\_RATE

UF\_MEASURE\_JERK

**UF\_MEASURE\_ANGULAR\_JERK**

**UF\_MEASURE\_MAGNETIC\_FIELD\_STRENGTH**

**UF\_MEASURE\_MAGNETIC\_FLUX\_DENSITY**

**UF\_MEASURE\_ANGULAR\_MOMENTUM**

**UF\_MEASURE\_VELOCITY\_PER\_PRESSURE**

**UF\_MEASURE\_COEFFICIENT\_PER\_TIME\_SQUARED**

**UF\_MEASURE\_COEFFICIENT\_PER\_TIME\_CUBED**

**UF\_MEASURE\_FLOW\_RESISTIVITY**

**UF\_MEASURE\_CURRENT\_DENSITY**

**UF\_MEASURE\_FORCE\_PER\_ANGLE**

Force per unit angle

**UF\_MEASURE\_LENGTH\_PER\_ANGLE**

**UF\_MEASURE\_CURRENT\_DENSITY\_AREA**

**UF\_MEASURE\_ELECTRIC\_FIELD\_STRENGTH**

**UF\_MEASURE\_ELECTRIC\_FLUX\_DENSITY**

Force per unit angle

**UF\_MEASURE\_COUNT**