



**TABUĽKY CHEMICKEJ ODOLNOSTI  
TESNIACICH TMELOV Check Seal™**

# Tabuľky chemickej odolnosti tesniacich tmelov Check Seal™

Poznámka: Vysvetlivky jednotlivých skratiek sú uvedené pod tabuľkou

| Teplotné rozpätie použitého tmelu [°C]  |                         | -6° do +371° | -6° do +287° | +4° do +371° | -6° do +232° | +93° do +426° | +121° do +815° | -6° do +260° | -6° do +315° | -6° do +121° | -45° do +204°   | +4° do +148° | -6° do +204° | -6° do +371° | -40° do +398° | -6° do +648° | -117° do +204° | -117° do +260° |
|---|-------------------------|--------------|--------------|--------------|--------------|---------------|----------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|----------------|----------------|
| Typ tesniaceho tmelu Check Seal™  |                         | 3B           | 4AB          | 6B           | 8AB          | 9B            | 9F             | 11 RTV       | 17 RTV       | 20           | 22 AB           | 42           | 55 R         | HTS PAK      | 357P          | RPG          | 45P Chloro Pak | 38P Versi Pak  |
| 1,2-dichlóretán   | ETHYLENE DICHLORIDE     | P            | G            | G            | D            | F             | F              | G            | G            | D            | G <sub>m</sub>  | D            | D            | G            | I             | G            | G              | G              |
| 1-metyl-2-pyrrolidón  | PYRROLIDONE             | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | I             | G            | G              | G              |
| 1-metyl-4-izopropylbenzén (cymén)   | CYMENE                  | I            | P            | I            | D            | E             | E              | P            | P            | D            | F <sub>m</sub>  | D            | D            | I            | D             | I            | I              | I              |
| 1-metylpyrolidín  | METHYL PYRROLIDINE (n)  | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | D             | G            | G              | G              |
| 1-propanol  | PROPANOL                | G            | G            | G            | I            | F             | F              | G            | G            | I            | G               | I            | I            | G            | G             | G            | G              | G              |
| 2,4,6-trichlór-1,3,5-triazín  | CYANURIC CHLORIDE       | I            | I            | I            | D            | I             | I              | I            | I            | D            | G               | D            | D            | I            | I             | I            | I              | I              |
| 2-metylpropén   | ISOBUTYLENE             | G            | G            | G            | F            | G             | G              | G            | G            | F            | G               | F            | F            | G            | G             | G            | G              | G              |
| 2-nitroanilín   | O - NITROANILINE        | G            | G            | G            | I            | G             | G              | G            | G            | I            | I               | I            | I            | G            | I             | G            | G              | G              |
| acetaldehyd   | ACETALDEHYDE            | G            | G            | G            | I            | G             | G              | F            | F            | F            | G               | I            | I            | G            | G             | G            | G              | G              |
| acetanhydrid  | ACETIC ANHYDRIDE        | G            | G            | G            | D            | D             | D              | G            | G            | G            | D               | D            | D            | G            | G             | G            | G              | G              |
| acetón  | ACETONE                 | G            | G            | G            | D            | D             | D              | D            | D            | G            | G               | D            | D            | G            | G             | G            | G              | G              |
| acetón (dimetyl ketón)  | METHYL KETONE           | G            | G            | G            | I            | F             | F              | G            | G            | I            | G               | I            | I            | G            | D             | G            | G              | G              |
| acetylén  | ACETYLENE               | G            | G            | G            | G            | D             | D              | G            | G            | I            | G               | G            | G            | G            | G             | G            | G              | G              |
| akrylonitril  | ACRYLONITRILE           | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | G             | G            | G              | G              |
| aldehydy  | ALDEHYDES               | G            | I            | G            | I            | I             | I              | I            | I            | I            | G               | I            | I            | G            | I             | G            | G              | G              |
| alfa-pyrrolidón (2-pyrrolidón)  | 2 - PYRROLIDONE         | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | I             | G            | G              | G              |
| alifatické amíny  | ALIPHATIC AMINES        | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | I             | G            | G              | G              |
| alyl chlorid  | ALLYL CHLORIDE          | F            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | I             | G            | G              | G              |
| amíny   | AMINES                  | F            | G            | G            | D            | G             | G              | G            | G            | D            | G               | D            | D            | G            | I             | G            | G              | G              |
| amíny mastných kyselín  | FATTY AMINES            | G            | G            | G            | I            | G             | G              | G            | G            | I            | G <sub>R</sub>  | I            | I            | G            | I             | G            | G              | G              |
| amoniak bezvodý   | AMMONIA ANHYDROUS       | G            | E            | G            | F            | G             | G              | E            | E            | D            | G               | F            | F            | G            | F             | G            | G              | G              |
| amoniak plynný horúci   | AMMONIA GAS HOT         | D            | G            | G            | D            | F             | F              | G            | G            | D            | D               | D            | D            | G            | I             | G            | G              | G              |
| amoniak plynný studený  | AMMONIA GAS COLD        | G            | G            | G            | G            | G             | G              | G            | G            | G            | G               | G            | G            | G            | F             | G            | G              | G              |
| anhydrid kyseliny ftálovej  | PHTHALIC ANHYDRIDE ACID | F            | G            | G            | P            | F             | F              | G            | G            | I            | P               | P            | P            | G            | D             | G            | G              | G              |
| anilín  | ANILINE                 | G            | G            | G            | D            | G             | G              | G            | G            | D            | G               | D            | D            | G            | F             | G            | G              | G              |
| arašidový olej  | PEANUT OIL              | G            | G            | G            | G            | G             | G              | G            | G            | D            | G               | G            | G            | G            | D             | G            | G              | G              |
| argón   | ARGON                   | E            | E            | E            | G            | G             | G              | G            | G            | G            | G               | G            | G            | E            | I             | E            | G              | E              |
| asfalt  | ASPHALT                 | G            | G            | G            | F            | G             | G              | G            | G            | G            | G               | F            | F            | G            | G             | G            | G              | G              |
| asfaltový ropný   | PETROLEUM ASPHALT       | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | G             | G            | G              | G              |
| benzén  | BENZENE                 | D            | G            | G            | D            | G             | G              | G            | G            | I            | D               | D            | D            | G            | P             | G            | G              | G              |
| benzín  | GASOLINE                | G            | F            | G            | G            | G             | G              | F            | F            | F            | G <sub>m</sub>  | G            | G            | G            | G             | G            | G              | G              |
| benzín  | NAPHTHA                 | F            | G            | G            | F            | G             | G              | G            | G            | F            | G               | F            | F            | G            | G             | G            | G              | G              |
| benzín ropný  | PETROLEUM NAPHTHA       | G            | G            | G            | I            | G             | G              | G            | G            | I            | G <sub>m</sub>  | I            | I            | G            | G             | G            | G              | G              |
| biely lúh<br>(silný alkalickej roztok pozostávajúci<br>prevažne z hydroxidu sodného a sírnika<br>sodného) | WHITE LIQUOR            | I            | I            | F            | I            | I             | I              | I            | I            | I            | G <sub>Lc</sub> | I            | I            | F            | I             | F            | G              | F              |
| bróm, plyn  | BROMINE GAS             | I            | D            | P            | D            | D             | D              | D            | I            | F            | F <sub>Lc</sub> | D            | D            | P            | I             | P            | F              | P              |
| bróm, tekutý  | BROMINE WET             | D            | D            | F            | D            | D             | D              | D            | I            | F            | D               | D            | D            | F            | I             | F            | F              | F              |
| bromid hlinitý  | ALUMINUM BROMIDE        | G            | G            | G            | I            | D             | D              | G            | G            | I            | G               | I            | I            | G            | I             | G            | G              | G              |
| butadién  | BUTADIENE               | G            | G            | G            | P            | G             | G              | G            | G            | I            | G <sub>m</sub>  | P            | P            | G            | G             | G            | G              | G              |
| bután   | BUTANE                  | G            | G            | G            | G            | G             | G              | G            | G            | G            | G               | G            | G            | G            | G             | G            | G              | G              |
| butanol (butylalkohol)  | BUTANOL (BUTYLALCOHOL)  | G            | G            | G            | G            | F             | F              | D            | D            | F            | G               | G            | G            | G            | F             | G            | G              | G              |
| butanón   | BUTANONE                | G            | D            | G            | I            | G             | G              | D            | D            | I            | G               | I            | I            | G            | D             | G            | G              | G              |
| butanón (metyletyl ketón)   | METHYLETHYL KEYTONE     | G            | G            | G            | D            | F             | F              | G            | G            | F            | G               | D            | D            | G            | D             | G            | G              | G              |
| butylacetát   | BUTYL ACETATE           | G            | G            | G            | D            | G             | G              | G            | G            | D            | G               | D            | D            | G            | I             | G            | G              | G              |
| butylakrylát  | BUTYL ACRYLATE          | G            | G            | G            | D            | G             | G              | G            | G            | F            | G               | D            | D            | G            | I             | G            | G              | G              |
| butylalkohol  | BUTYL ALCOHOL (BUTANOL) | G            | G            | G            | G            | F             | F              | G            | G            | F            | G               | G            | G            | G            | F             | G            | G              | G              |
| cyklohexán  | CYCLOHEXANE             | G            | G            | G            | G            | F             | F              | G            | G            | G            | G               | G            | G            | G            | I             | G            | G              | G              |

V prípade použitia akéhokoľvek tesniaceho tmelu na zmesi chemických látok, overte vhodnosť daného tmelu s naším zástupcom.

Vzhľadom k obrovskému rozsahu použitia tesniacich tmelov SOCO na rôznych chemických látkach a ich zmesiach, nemôžeme garantovať presnosť všetkých informácií týkajúcich sa chemickej odolnosti a kompatibility a spoločnosť SEPS, a.s. nepreberá žiadnu zodpovednosť za následky spojené so zlým výberom tesniaceho tmelu, ktorý ste s nami nekonzultovali.

Vysvetlivky skratiek chemickej kompatibility:

I = nedostatočné dáta; D = nepoužívať; E = vynikajúca; G = dobrá; F = slušná; P = zlá; ? = overte podmienky s naším zástupcom; m = možnosť zmiešania; R = možnosť chemickej reakcie; Lc/L = kompatibilita závisí od teploty, pri maximálnej koncentrácii chemickej látky sa pri maximálnej teplote začne tesniaci tmel rozpadávať

| Teplotné rozpätie použitého tmelu [°C]  |                           | -6° do +371° | -6° do +287° | +4° do +371° | -6° do +232° | +93° do +426° | +121° do +815° | -6° do +260° | -6° do +315° | -6° do +121° | -45° do +204° | +4° do +148° | -6° do +204° | -6° do +371° | -40° do +398° | -6° do +648° | -117° do +204° | -117° do +260° |
|---|---------------------------|--------------|--------------|--------------|--------------|---------------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|----------------|----------------|
| Typ tesniaceho tmelu Check Seal™  |                           | 3B           | 4AB          | 6B           | 8AB          | 9B            | 9F             | 11 RTV       | 17 RTV       | 20           | 22 AB         | 42           | 55 R         | HTS PAK      | 357P          | RPG          | 45P Chloro-Pak | 38P Versi Pak  |
| cyklohexanol  | CYCLOHEXANOL              | F            | F            | F            | F            | F             | F              | F            | F            | F            | G             | F            | F            | F            | I             | G            | G              | F              |
| cyklohexyl izokyanát  | CYCLOHEXYLISOCYANATE      | I            | G            | I            | I            | I             | I              | G            | G            | I            | I             | I            | I            | I            | I             | I            | F              | I              |
| čierny lúh<br>(hustá tmavá kvapalina, ved<br>procesov transformácie dreva na<br>buničinu) | BLACK LIQUOR              | F            | G            | G            | I            | I             | I              | G            | G            | I            | I             | I            | I            | G            | G             | G            | G              | G              |
| decht, kvapalný   | TAR LIQUID                | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| dechtový olej   | OIL TAR                   | G            | G            | G            | P            | G             | G              | G            | G            | I            | G             | P            | P            | G            | G             | G            | G              | G              |
| denaturovaný alkohol  | DENATURED ALCOHOL         | G            | G            | G            | G            | F             | F              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| diamín  | DIAMINE                   | G            | G            | G            | I            | I             | I              | G            | G            | I            | I             | I            | I            | G            | I             | G            | G              | G              |
| dietanolamín  | DIETHANOLAMINE            | G            | G            | G            | G            | G             | G              | G            | G            | G            | GR            | G            | G            | G            | G             | G            | G              | G              |
| dihydrogénfosforečnan sodný   | SODIUM PHOSPHATE, DIBASIC | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| dichlórbenzén   | DICHLOROBENZENE           | D            | G            | G            | D            | D             | D              | G            | G            | G            | Fm            | D            | D            | G            | D             | G            | G              | G              |
| dichlóretylén   | DICHLOROETHYLENE          | P            | G            | G            | D            | D             | D              | G            | G            | D            | Fm            | D            | D            | G            | D             | G            | G              | G              |
| diizopropanol amín  | DISOPROPANOLAMINE         | G            | G            | G            | I            | G             | G              | G            | G            | I            | I             | I            | I            | G            | I             | G            | G              | G              |
| draselná soľ  | POTASSIUM SALT            | I            | G            | I            | G            | I             | I              | G            | G            | G            | G             | G            | G            | I            | G             | I            | I              | I              |
| draslík   | POTASSIUM                 | D            | D            | D            | I            | D             | D              | D            | I            | I            | I             | I            | I            | D            | I             | D            | D              | D              |
| drevný lieh (metanol)   | WOOD ALCOHOL              | G            | G            | G            | I            | F             | F              | G            | G            | I            | G             | I            | I            | G            | D             | G            | G              | G              |
| dusičnan amónny   | AMMONIUM NITRATE          | D            | I            | D            | G            | D             | D              | D            | I            | I            | G             | G            | G            | D            | I             | D            | G              | D              |
| dusičnan draselný   | POTASSIUM NITRATE         | D            | G            | P            | G            | D             | D              | D            | G            | G            | GLC           | G            | G            | P            | G             | D            | F              | P              |
| dusičnan draselný   | SALTPETER 100%            | D            | D            | P            | I            | D             | D              | D            | D            | I            | GLC           | I            | I            | P            | D             | P            | F              | P              |
| dusičnan sodný  | SODIUM NITRATE 100%       | D            | D            | D            | F            | D             | D              | D            | D            | I            | GLC           | F            | F            | D            | D             | D            | F              | D              |
| dusičnan vápenatý   | CALCIUM NITRATE           | G            | G            | G            | G            | I             | I              | G            | G            | F            | G             | G            | G            | G            | I             | D            | G              | G              |
| dusík   | NITROGEN                  | E            | E            | G            | G            | E             | E              | E            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| dusitan amónny  | AMMONIUM NITRITE          | D            | G            | D            | G            | D             | D              | G            | I            | I            | G             | G            | G            | D            | I             | D            | G              | D              |
| dusitan draselný  | POTASSIUM NITRITE         | D            | D            | P            | I            | D             | D              | D            | D            | I            | GLC           | I            | I            | P            | D             | P            | F              | P              |
| dusitan sodný   | SODIUM NITRITE            | D            | D            | D            | P            | D             | D              | D            | D            | I            | GLC           | P            | P            | D            | D             | D            | F              | D              |
| etán  | ETHANE                    | G            | G            | G            | G            | G             | G              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| etanol  | ETHANOL                   | G            | G            | G            | G            | F             | F              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| étery   | ETHERS                    | G            | G            | G            | D            | G             | G              | G            | G            | G            | Gm            | D            | D            | G            | I             | G            | G              | G              |
| etylacetát  | ETHYL ACETATE             | G            | G            | G            | D            | G             | G              | G            | G            | F            | G             | D            | D            | G            | G             | G            | G              | G              |
| etylakrylát   | ETHYL ACRYLATE            | G            | G            | G            | D            | G             | G              | G            | G            | F            | G             | D            | D            | G            | I             | G            | G              | G              |
| etylalkohol (etanol)  | ETHYL ALCOHOL             | G            | G            | G            | G            | G             | G              | G            | G            | G            | G             | G            | G            | G            | I             | G            | G              | G              |
| etylbenzén  | ETHYL BENZENE             | P            | G            | G            | D            | F             | F              | G            | G            | D            | Gm            | D            | D            | G            | G             | G            | G              | G              |
| etyl bromid   | ETHYL BROMIDE             | F            | G            | G            | F            | F             | F              | G            | G            | I            | Gm            | F            | F            | G            | I             | G            | G              | G              |
| etylén (etén)   | ETHYLENE                  | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | G             | G            | G              | G              |
| etylén bromid   | ETHYLENE DIBROMIDE        | F            | G            | G            | D            | F             | F              | G            | G            | D            | Fm            | D            | D            | G            | I             | G            | G              | G              |
| etyléndiamín  | ETHYLENEDIAMINE           | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | I             | G            | G              | G              |
| etylénglykol  | ETHYLENE GLYCOL           | G            | G            | G            | G            | G             | G              | G            | G            | I            | Gm            | G            | G            | G            | I             | G            | G              | G              |
| etylén oxid   | ETHYLENE OXIDE            | G            | G            | G            | D            | G             | G              | G            | G            | I            | G             | D            | D            | G            | I             | G            | G              | G              |
| etyléster kyseliny kremičitej   | ETHYL SILICATE            | G            | G            | G            | G            | G             | G              | G            | G            | F            | G             | G            | G            | G            | G             | G            | G              | G              |
| etyléster kyseliny sírovej  | ETHYL SULFATE             | I            | I            | I            | I            | I             | I              | I            | I            | I            | I             | I            | I            | I            | I             | I            | I              | I              |
| etyléter  | ETHYL ETHER               | G            | G            | G            | I            | G             | G              | G            | G            | G            | G             | I            | I            | G            | G             | G            | G              | G              |
| etylchlorid   | ETHYL CHLORIDE            | P            | G            | G            | G            | F             | F              | G            | G            | D            | Gm            | G            | G            | G            | I             | G            | G              | G              |
| fenol   | PHENOL                    | G            | G            | G            | D            | F             | F              | G            | G            | D            | G             | D            | D            | G            | G             | G            | G              | G              |
| fenol (kyselina karbolová)  | CARBOLIC ACID             | F            | G            | G            | D            | D             | D              | G            | G            | D            | G             | D            | D            | G            | I             | G            | G              | G              |
| fenyletylén   | PHENYL ETHYLENE           | F            | G            | G            | I            | F             | F              | G            | G            | I            | Gm            | I            | I            | G            | D             | G            | G              | G              |
| fluór   | FLUORINE                  | D            | D            | P            | I            | D             | D              | D            | D            | I            | Gm            | G            | I            | P            | D             | I            | G              | P              |
| fluorid sírový  | SULFUR CHLORIDE           | G            | G            | G            | D            | P             | P              | G            | G            | D            | G             | D            | D            | G            | D             | G            | G              | G              |
| fluorovodík   | HYDROGEN FLUORIDE         | I            | I            | I            | I            | I             | I              | I            | I            | I            | I             | I            | I            | I            | I             | I            | I              | I              |
| formalín  | FORMALIN                  | G            | G            | P            | I            | G             | G              | G            | G            | I            | G             | I            | I            | P            | I             | G            | G              | P              |
| formaldehyd   | FORMALDEHYDE              | G            | G            | P            | I            | F             | F              | G            | G            | F            | G             | I            | I            | P            | G             | G            | G              | P              |
| fosfor  | PHOSPHORUS                | G            | G            | G            | D            | D             | D              | G            | G            | D            | GR            | D            | D            | G            | D             | G            | G              | G              |
| fosforečnan sodný   | TRISODIUM PHOSPHATE       | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |

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Vysvetlivky skratiek chemickej kompatibility:

I = nedostatočné dáta; D = nepoužívať; E = vynikajúca; G = dobrá; F = slušná; P = zlá; ? = overte podmienky s naším zástupcom; m = možnosť zmiešania; R = možnosť chemickej reakcie; Lc/L = kompatibility závisí od teploty, pri maximálnej koncentrácii chemickej látky sa pri maximálnej teplote začne tesniaci tmel rozpadávať

| Teplotné rozpätie použitého tmelu [°C]  |                          | -6° do +371° | -6° do +287° | +4° do +371° | -6° do +232° | +93° do +426° | +121° do +815° | -6° do +260° | -6° do +315° | -6° do +121° | -45° do +204° | +4° do +148° | -6° do +204° | -6° do +371° | -40° do +398° | -6° do +648° | -117° do +204° | -117° do +260° |
|---|--------------------------|--------------|--------------|--------------|--------------|---------------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|----------------|----------------|
| Typ tesniaceho tmelu Check Seal™  |                          | 3B           | 4AB          | 6B           | 8AB          | 9B            | 9F             | 11 RTV       | 17 RTV       | 20           | 22 AB         | 42           | 55 R         | HTS PAK      | 357P          | RPG          | 45P Chloro Pak | 38P Versi Pak  |
| fosgén  | PHOSGENE                 | G            | G            | G            | I            | F             | F              | G            | G            | I            | Gr            | I            | I            | G            | D             | G            | G              | G              |
| freón (11:14)   | FREON (11-14)            | F            | G            | P            | G            | F             | F              | G            | G            | G            | Gm            | G            | G            | P            | D             | G            | G              | P              |
| ftalanhydrid  | PHTHALIC ANHYDRIDE       | F            | G            | G            | I            | F             | F              | G            | G            | I            | Gr            | I            | I            | G            | D             | G            | G              | G              |
| furfural  | FURFURAL                 | G            | G            | P            | D            | G             | G              | G            | G            | D            | G             | D            | D            | P            | G             | G            | G              | P              |
| furfurán  | FURFURAN                 | G            | G            | G            | I            | F             | F              | G            | G            | I            | I             | I            | I            | G            | G             | G            | G              | G              |
| furfuryl alkohol  | FURFURYL ALCOHOL         | G            | G            | F            | D            | F             | F              | G            | G            | D            | G             | D            | D            | F            | G             | G            | G              | F              |
| glykol  | GLYCOL                   | G            | G            | G            | G            | G             | G              | G            | G            | G            | Gm            | G            | G            | G            | D             | G            | G              | G              |
| hélium  | HELIUM                   | E            | E            | G            | G            | E             | E              | E            | E            | G            | G             | G            | G            | G            | I             | G            | G              | G              |
| heptán  | HEPTANE                  | G            | G            | G            | G            | G             | G              | G            | G            | G            | G             | G            | G            | G            | D             | G            | G              | G              |
| hexán   | HEXANE                   | G            | G            | G            | G            | G             | G              | G            | G            | G            | G             | G            | G            | G            | D             | G            | G              | G              |
| HI-TEC soľ<br><i>(zmes vo vode rozpustných anorganických solí - dusičnanu draselného, dusitanu sodného a dusičnanu sodného; teplota tuhnutia tejto teplotnej soli je 142°C)</i> | HI-TEC SALT              | D            | D            | P            | D            | D             | D              | D            | D            | D            | D             | D            | D            | P            | I             | P            | P              | P              |
| hydorgénfosforečnan sodný   | SODIUM PHOSPHATE, MONO   | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| hydrazín  | HYDRAZINE                | G            | G            | G            | F            | D             | D              | G            | G            | D            | G             | F            | F            | G            | I             | G            | G              | G              |
| hydridy   | HYDRIDES                 | G            | G            | G            | I            | D             | D              | G            | G            | I            | G             | I            | I            | G            | I             | G            | G              | G              |
| hydrogénsíran amónny  | AMMONIUM SULFATE         | G            | I            | G            | G            | G             | G              | D            | I            | D            | G             | G            | G            | G            | I             | G            | G              | G              |
| hydrogenuhlíčan sodný   | SODIUM BICARBONATE (WET) | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| hydroxid draselný   | POTASSIUM HYDROXIDE      | G            | F            | F            | F            | G             | F              | F            | F            | F            | G             | F            | F            | F            | D             | G            | G              | F              |
| hydroxid sodný (mokrý)  | SODIUM HYDROXIDE (WET)   | G            | G            | F            | G            | F             | G              | G            | G            | G            | G             | G            | G            | F            | G             | G            | G              | F              |
| hydroxid vápenatý   | CALCIUM HYDROXIDE        | G            | I            | G            | G            | I             | I              | I            | D            | G            | G             | G            | G            | G            | F             | G            | G              | G              |
| chlór (100%)  | CHLORINE (100%)          | D            | D            | D            | D            | D             | D              | D            | D            | D            | D             | D            | D            | D            | D             | D            | F              | D              |
| chlórbenzén   | CHLOROBENZENE            | P            | G            | G            | D            | P             | P              | G            | F            | D            | D             | D            | D            | G            | F             | G            | G              | G              |
| chlórdiželezitý   | FERRIC CHLORIDES         | I            | G            | G            | G            | F             | F              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| chlórečnan vápenatý   | CALCIUM CHLORATE         | G            | G            | G            | G            | G             | G              | G            | G            | D            | G             | G            | G            | G            | F             | G            | G              | G              |
| chlorid draselný  | POTASSIUM CHLORIDE       | G            | G            | G            | G            | G             | G              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| chlorid fosforitý   | PHOSPHORUS TRICHLORIDE   | G            | G            | G            | P            | G             | G              | G            | G            | I            | Gr            | P            | P            | G            | D             | I            | G              | G              |
| chlorid hlinitý   | ALUMINUM CHLORIDE        | G            | G            | G            | I            | D             | D              | G            | I            | I            | G             | I            | I            | G            | F             | G            | G              | G              |
| chlorid sodný (mokrý)   | SODIUM CHLORIDE (WET)    | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| chlorid titaničitý  | TITANIUM TETRACHLORIDE   | G            | G            | G            | F            | P             | P              | G            | G            | I            | Gr            | F            | F            | G            | D             | G            | G              | G              |
| chlorid zinočnatý   | ZINC CHLORIDE            | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| chloridy  | CHLORIDES                | G            | G            | G            | D            | E             | E              | G            | G            | D            | D             | D            | D            | G            | G             | G            | G              | G              |
| chloroform  | CHLOROFORM               | P            | G            | G            | D            | P             | P              | G            | F            | D            | D             | D            | D            | G            | I             | G            | G              | G              |
| chlórovaná voda   | CHLORINE WATER           | G            | F            | D            | D            | P             | P              | F            | F            | D            | D             | D            | D            | D            | I             | G            | ?              | D              |
| chlórované uhľovodíky   | CHLORINATED HYDROCARBONS | F            | G            | G            | D            | P             | P              | G            | G            | D            | D             | D            | D            | G            | F             | G            | G              | G              |
| chlorovodík, kyselina chlorovodíková  | MURIATIC ACID            | G            | G            | G            | D            | G             | G              | G            | G            | D            | G             | D            | D            | G            | D             | G            | G              | G              |
| chróm   | CHROMIUM                 | I            | I            | I            | I            | D             | D              | F            | I            | I            | I             | I            | I            | I            | I             | I            | F              | I              |
| chróm - zlúčeniny chrómu  | CHROMIUM COMPOUNDS       | P            | G            | I            | I            | D             | D              | G            | F            | I            | I             | I            | I            | I            | D             | I            | F              | I              |
| izoamylacetát   | ISOAMYL ACETATE          | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | D             | G            | G              | G              |
| izobután  | ISOBUTANE                | G            | G            | G            | G            | E             | E              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| izobutylacetát  | ISOBUTYL ACETATE         | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | I             | G            | G              | G              |
| izobutylalkohol   | ISOBUTYL ALCOHOL         | G            | G            | G            | F            | F             | F              | G            | G            | F            | G             | F            | F            | G            | D             | G            | G              | G              |
| izohexán  | ISOHEXANE                | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| izooktán  | ISO-OCTANE               | G            | G            | G            | I            | G             | G              | G            | G            | I            | I             | I            | I            | G            | G             | G            | G              | G              |
| izopropanol (izopropylalkohol)  | ISOPROPANOL (ALCOHOL)    | G            | G            | G            | F            | F             | F              | G            | G            | G            | G             | F            | F            | G            | D             | G            | G              | G              |
| izopropylalkohol  | ISOPROPYL ALCOHOL        | G            | G            | G            | F            | F             | F              | G            | G            | G            | G             | F            | F            | G            | D             | G            | G              | G              |
| izopropylchlorid  | ISOPROPYL CHLORIDE       | G            | G            | G            | D            | F             | F              | G            | G            | D            | Gm            | D            | D            | G            | D             | G            | G              | G              |
| izopropylacetát   | ISOPROPYL ACETATE        | G            | G            | G            | D            | G             | G              | G            | G            | G            | G             | D            | D            | G            | D             | G            | G              | G              |
| izopropyléter   | ISOPROPYL ETHER          | G            | G            | G            | F            | F             | F              | G            | G            | G            | G             | F            | F            | G            | D             | G            | G              | G              |
| jód   | IODINE                   | D            | D            | F            | F            | D             | D              | D            | D            | I            | FmL           | F            | F            | F            | D             | G            | G              | F              |
| kal, kyslý  | SLUDGE ACID              | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | D             | G            | G              | G              |

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|---|--------------------------|--------------|--------------|--------------|--------------|---------------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|----------------|----------------|
|   |                          | 3B           | 4AB          | 6B           | 8AB          | 9B            | 9F             | 11 RTV       | 17 RTV       | 20           | 22 AB         | 42           | 55 R         | HTS PAK      | 357P          | RPG          | 45P Chloro-Pak | 38P Versi Pak  |
| karbamát  | CARBAMATE                | G            | G            | G            | I            | G             | G              | F            | G            | F            | G             | I            | I            | G            | G             | G            | G              | G              |
| katalyzátor   | CATALYST                 | I            | I            | I            | I            | G             | G              | I            | I            | I            | G             | I            | I            | I            | I             | I            | D              | F              |
| ketóny  | KETONES                  | G            | G            | G            | D            | F             | F              | G            | G            | D            | G             | D            | D            | G            | D             | G            | G              | G              |
| kondenzát   | CONDENSATE               | G            | G            | G            | G            | E             | E              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| kotlová voda  | BOILER FEED WATER        | G            | E            | G            | G            | G             | E              | G            | E            | D            | F             | G            | G            | G            | G             | G            | G              | G              |
| kremeň (SiO2)   | SILICA                   | G            | G            | G            | G            | E             | E              | G            | G            | G            | G             | G            | G            | G            | I             | G            | G              | G              |
| kremičitan sodný  | SODIUM SILICATE          | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| krezol  | CRESOL                   | F            | G            | G            | D            | D             | D              | G            | G            | D            | Gm            | D            | D            | G            | G             | G            | G              | G              |
| kumén   | CUMENE                   | F            | G            | G            | D            | F             | F              | G            | G            | F            | F             | D            | D            | G            | G             | G            | G              | G              |
| kvapalina na prenos tepla (teplonosné médium - horúci olej) | DOWTHERM A               | P            | G            | G            | D            | G             | G              | G            | G            | D            | G             | D            | D            | G            | G             | G            | G              | G              |
| kvapalina na prenos tepla (teplonosné médium - horúci olej) | DOWTHERM E               | G            | G            | G            | D            | D             | D              | G            | G            | D            | G             | D            | D            | G            | G             | G            | G              | G              |
| kvapalina na prenos tepla (teplonosné médium - horúci olej) | DOWTHERM J               | P            | G            | G            | D            | G             | G              | G            | G            | D            | G             | D            | D            | G            | G             | G            | G              | G              |
| kvapalný alkohol  | CALCHIE LIQUOR           | G            | G            | G            | G            | I             | I              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| kyanid sodný (mokrý)  | SODIUM CYANIDE (WET)     | G            | G            | G            | G            | G             | G              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| kyanidy - roztoky   | CYANIDES-SOLUTIONS       | G            | G            | I            | F            | G             | G              | G            | G            | I            | G             | F            | F            | I            | G             | I            | G              | I              |
| kyselina 3,4,5-trihydroxybenzoová                           | GALLIC ACID              | G            | G            | G            | F            | F             | F              | G            | G            | I            | Gm            | F            | F            | G            | G             | G            | G              | G              |
| kyselina akrylová   | ACRYLIC ACID             | G            | E            | G            | I            | D             | E              | E            | I            | G            | I             | I            | G            | I            | G             | I            | G              | G              |
| kyselina benzénsulfónová                                    | BENZENE SULFONIC ACID    | P            | F            | F            | D            | F             | F              | F            | D            | D            | D             | D            | D            | F            | D             | I            | G              | G              |
| kyselina boritá   | BORIC ACID               | G            | G            | G            | G            | F             | F              | G            | G            | D            | G             | G            | G            | G            | G             | G            | G              | G              |
| kyselina bromičná   | BROMIC ACID              | I            | I            | I            | I            | I             | I              | I            | I            | I            | G             | I            | I            | I            | I             | I            | I              | G              |
| kyselina bromovodíková                                      | HYDROBROMIC ACID         | G            | G            | G            | D            | D             | D              | G            | G            | I            | GR            | D            | D            | G            | D             | G            | G              | G              |
| kyselina citrónová  | CITRIC ACID              | G            | G            | G            | G            | E             | E              | G            | G            | D            | G             | G            | G            | G            | I             | G            | G              | G              |
| kyselina dusičná  | NITRIC ACID              | G            | F            | D            | D            | D             | D              | F            | F            | I            | FLC           | D            | D            | D            | D             | D            | F              | D              |
| kyselina dusičná (bezvodá)                                  | NITRIC ACID (ANHYDROUS)  | D            | F            | P            | D            | D             | D              | P            | P            | D            | D             | D            | D            | P            | D             | P            | F              | P              |
| kyselina dusičná (dymivá)                                   | NITRIC ACID (FUMING)     | D            | D            | P            | D            | D             | D              | D            | D            | D            | D             | D            | D            | P            | D             | P            | F              | P              |
| kyselina fluorovodíková                                     | HYDROFLUORIC ACID        | G            | G            | P            | D            | D             | D              | G            | G            | D            | FmL           | D            | D            | P            | D             | G            | G              | P              |
| kyselina fluorovodíková                                     | PROPANE & H.F. ACID      | G            | P            | G            | I            | P             | P              | P            | P            | I            | I             | I            | I            | G            | P             | G            | G              | G              |
| kyselina fosforečná 50%                                     | PHOSPHORIC ACID 50%      | P            | G            | G            | G            | D             | D              | G            | G            | D            | GR            | G            | G            | G            | D             | G            | G              | G              |
| kyselina fosforečná 85%                                     | PHOSPHORIC ACID 85%      | P            | G            | F            | F            | D             | D              | F            | G            | I            | F             | F            | F            | F            | D             | F            | G              | F              |
| kyselina hexa-2,4-diénohá                                   | SORBIC ACID              | I            | I            | I            | I            | I             | I              | I            | I            | I            | G             | I            | I            | I            | I             | I            | I              | I              |
| kyselina chlorovodíková                                     | HYDROCHLORIC ACID        | G            | G            | G            | I            | G             | G              | G            | G            | D            | G             | I            | I            | G            | D             | G            | G              | G              |
| kyselina chrómová   | CHROMIC ACID             | P            | F            | I            | D            | P             | P              | F            | P            | D            | D             | D            | D            | I            | D             | D            | F              | I              |
| kyselina jablčná  | MALIC ACID               | G            | G            | G            | G            | F             | F              | G            | G            | I            | G             | G            | G            | G            | I             | G            | G              | G              |
| kyselina karbamidová  | CARBAMIC ACID            | G            | G            | G            | I            | F             | F              | G            | F            | I            | I             | I            | I            | G            | D             | G            | G              | G              |
| kyselina [2-((N-metoxykarbonyl)fenylamino)fenyl] octová     |                          | G            | G            | G            | I            | F             | F              | G            | F            | I            | I             | I            | I            | G            | D             | G            | G              | G              |
| kyselina maleínová  | MALEIC ACID              | G            | G            | G            | D            | F             | F              | G            | G            | F            | G             | D            | D            | G            | G             | G            | G              | G              |
| kyselina nafténová  | NAPHTHENIC ACID          | G            | G            | G            | F            | G             | G              | G            | G            | F            | G             | F            | F            | G            | G             | G            | G              | G              |
| kyselina octová   | ACETIC ACID              | G            | F            | G            | P            | D             | D              | P            | P            | P            | G             | P            | P            | G            | G             | G            | G              | G              |
| kyselina octová horúca                                      | ACETIC ACID HOT          | G            | G            | G            | D            | D             | D              | I            | I            | D            | D             | D            | D            | G            | I             | G            | G              | G              |
| kyselina octová ľadová                                      | ACETIC ACID GLACIAL      | G            | F            | G            | F            | D             | D              | F            | F            | F            | F             | F            | F            | G            | F             | G            | G              | G              |
| kyselina olejová  | OLEIC ACID               | G            | G            | G            | I            | G             | G              | G            | G            | D            | G             | I            | I            | G            | G             | G            | G              | G              |
| kyselina palmitová  | PALMITIC ACID            | G            | G            | G            | G            | G             | G              | G            | G            | D            | G             | G            | G            | G            | G             | G            | G              | G              |
| kyselina siričitá   | SULFUROUS ACID           | G            | G            | G            | F            | F             | F              | G            | G            | D            | GR            | F            | F            | G            | D             | I            | G              | G              |
| kyselina siričitá, anhydrid                                 | SULFUROUS ACID ANHYDRIDE | D            | D            | F            | D            | D             | D              | D            | D            | D            | G             | D            | D            | F            | D             | I            | F              | F              |
| kyselina sírová   | SULFURIC ACID            | G            | G            | G            | D            | F             | F              | G            | G            | D            | GRL           | D            | D            | G            | D             | I            | G              | G              |
| kyselina sírová, dymivá                                     | FUMING SULFURIC ACID     | D            | D            | P            | D            | D             | D              | D            | D            | D            | D             | D            | D            | P            | D             | P            | F              | P              |
| kyselina tanínová   | TANNIC ACID              | G            | G            | G            | G            | F             | F              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| kyselina tetrafluorboritá                                   | FLUOBORIC ACID           | G            | G            | F            | G            | I             | I              | F            | F            | I            | GR            | G            | G            | F            | I             | G            | G              | F              |
| kyselina trichlóroctová                                     | TRICHLORACETIC ACID      | G            | G            | G            | F            | P             | P              | G            | G            | I            | GR            | F            | F            | G            | D             | G            | G              | G              |
| kyselina uhličitá   | CARBONIC ACID            | G            | G            | G            | F            | E             | E              | G            | G            | G            | F             | F            | F            | G            | I             | G            | G              | G              |

V prípade použitia akéhokoľvek tesniaceho tmelu na zmesi chemických látok, overte vhodnosť daného tmelu s naším zástupcom.

Vzhľadom k obrovskému rozsahu použitia tesniacich tmelov SOCO na rôznych chemických látkach a ich zmesiach, nemôžeme garantovať presnosť všetkých informácií týkajúcich sa chemickej odolnosti a kompatibility a spoločnosť SEPS, a.s. nepreberá žiadnu zodpovednosť za následky spojené so zlým výberom tesniaceho tmelu, ktorý ste s nami nekonzultovali.

Vysvetlivky skratiek chemickej kompatibility:

I = nedostatočné dáta; D = nepoužívať; E = vynikajúca; G = dobrá; F = slušná; P = zlá; ? = overte podmienky s naším zástupcom; m = možnosť zmiešania; R = možnosť chemickej reakcie; Lc/L = kompatibility závisí od teploty, pri maximálnej koncentrácii chemickej látky sa pri maximálnej teplote začne tesniaci tmel rozpadávať

| Teplotné rozpätie použitého tmelu [°C]            |                          | -6° do +371° | -6° do +287° | +4° do +371° | -6° do +232° | +93° do +426° | +121° do +815° | -6° do +260° | -6° do +315° | -6° do +121° | -45° do +204°   | +4° do +148° | -6° do +204° | -6° do +371° | -40° do +398° | -6° do +648° | -117° do +204° | -117° do +260° |
|---|--------------------------|--------------|--------------|--------------|--------------|---------------|----------------|--------------|--------------|--------------|-----------------|--------------|--------------|--------------|---------------|--------------|----------------|----------------|
| Typ tesniaceho tmelu Check Seal™                  |                          | 3B           | 4AB          | 6B           | 8AB          | 9B            | 9F             | 11 RTV       | 17 RTV       | 20           | 22 AB           | 42           | 55 R         | HTS PAK      | 357P          | RPG          | 45P Chloro Pak | 38P Versi Pak  |
| kyselina mliečna studená                          | LATIC ACID COLD          | G            | G            | G            | G            | G             | G              | G            | G            | D            | G               | G            | G            | G            | D             | G            | G              | G              |
| kyselina mravčia                                  | FORMIC ACID              | G            | G            | P            | D            | F             | F              | G            | G            | D            | G <sub>R</sub>  | D            | D            | P            | G             | G            | G              | P              |
| kyselina salicylová                               | SALICYLIC ACID           | G            | I            | G            | G            | I             | I              | I            | I            | I            | G               | G            | G            | G            | I             | G            | G              | G              |
| kyselina šťavelová                                | OXALIC ACID              | G            | G            | G            | F            | F             | F              | G            | G            | D            | G               | F            | F            | G            | G             | G            | G              | G              |
| kyslík  | OXYGEN                   | D            | D            | D            | D            | D             | D              | D            | D            | D            | D               | D            | D            | D            | D             | D            | ?              | D              |
| ľahké benzíny                                     | LIGHT NAPHTHAS           | G            | G            | G            | I            | F             | F              | G            | G            | I            | G               | I            | I            | G            | G             | G            | G              | G              |
| ľanový olej                                       | LINSEED OIL              | G            | G            | G            | G            | G             | G              | G            | G            | F            | G <sub>m</sub>  | G            | G            | G            | D             | G            | G              | G              |
| letecké palivo                                    | JET FUEL                 | G            | G            | G            | G            | G             | G              | G            | G            | F            | G <sub>m</sub>  | G            | G            | G            | G             | G            | G              | G              |
| lúh (sodný) (hydroxid)                            | CAUSTIC (SODA)           | G            | G            | P            | P            | G             | G              | G            | G            | I            | F               | P            | P            | P            | G             | G            | G              | P              |
| mastné kyseliny                                   | FATTY ACIDS              | G            | G            | G            | F            | G             | G              | G            | G            | D            | G               | F            | F            | G            | F             | G            | G              | G              |
| melamín   | MELAMINE                 | G            | G            | G            | G            | G             | G              | G            | G            | F            | G               | G            | G            | G            | I             | G            | G              | G              |
| metán   | METHANE                  | G            | G            | G            | G            | G             | G              | G            | G            | G            | G               | G            | G            | G            | G             | G            | G              | G              |
| metanol (metylalkohol)                            | METHANOL                 | G            | G            | G            | G            | F             | F              | G            | G            | F            | G               | G            | G            | G            | D             | G            | G              | G              |
| metanol (metylalkohol)                            | METHYL ALCOHOL           | G            | G            | G            | G            | F             | F              | G            | G            | F            | G               | G            | G            | G            | D             | G            | G              | G              |
| metylacetát                                       | METHYL ACETATE           | G            | G            | G            | D            | F             | F              | G            | G            | F            | G               | D            | D            | G            | D             | G            | G              | G              |
| metylakrylát                                      | METHYL ACRYLATE          | G            | G            | G            | D            | F             | F              | G            | G            | F            | G               | D            | D            | G            | D             | G            | G              | G              |
| metylbromid                                       | METHYL BROMIDE           | P            | G            | G            | F            | F             | F              | G            | G            | I            | G               | F            | F            | G            | D             | G            | G              | G              |
| metylester kyselny kremičitej                     | METHYL SILICATE          | G            | G            | G            | D            | G             | G              | G            | G            | I            | G               | D            | D            | G            | D             | G            | G              | G              |
| metylchlorid                                      | METHYL CHLORIDE          | P            | G            | G            | D            | F             | F              | G            | G            | I            | D               | D            | D            | G            | G             | G            | G              | G              |
| metyloxirán                                       | PROPYLENE OXIDE          | G            | G            | G            | D            | G             | G              | G            | G            | I            | D               | D            | D            | G            | F             | G            | G              | G              |
| minerálny olej                                    | MINERAL OIL              | G            | G            | G            | G            | E             | E              | G            | G            | F            | G <sub>m</sub>  | G            | G            | G            | D             | G            | G              | G              |
| močovina (karbamid)                               | CARBAMIDE                | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | I             | G            | G              | G              |
| močovina (kryštalická)                            | UREA CRYSTALS            | G            | G            | G            | P            | G             | G              | G            | G            | I            | G               | P            | P            | G            | I             | G            | G              | G              |
| močovina (plyn)                                   | UREA (GAS)               | G            | G            | G            | P            | G             | G              | G            | G            | I            | G               | P            | P            | G            | I             | G            | G              | G              |
| monoetanolamín                                    | MONOETHANOL AMINE        | G            | G            | G            | I            | F             | F              | G            | G            | I            | G               | I            | I            | G            | D             | G            | G              | G              |
| motorová nafta                                    | DIESEL FUEL              | F            | G            | G            | G            | G             | G              | G            | G            | G            | F <sub>m</sub>  | G            | G            | G            | D             | G            | G              | G              |
| motorový olej                                     | DIESEL OIL               | F            | G            | G            | G            | G             | G              | G            | G            | G            | F <sub>m</sub>  | G            | G            | G            | G             | G            | G              | G              |
| m-xylén   | m - XYLENE               | G            | G            | G            | D            | F             | F              | G            | G            | F            | F <sub>m</sub>  | D            | D            | G            | F             | G            | G              | G              |
| naftalén  | NAPHTHALENE              | F            | G            | G            | D            | G             | G              | G            | G            | F            | G               | D            | D            | G            | G             | G            | G              | G              |
| nitraty (i.n.)                                    | NITRATES, N.O.S          | D            | D            | G            | I            | D             | D              | D            | D            | I            | I               | I            | I            | G            | D             | G            | G              | G              |
| nitrid draselny                                   | POTASSIUM NITRIDE        | D            | D            | D            | I            | D             | D              | D            | D            | I            | G               | I            | I            | D            | D             | D            | D              | D              |
| nitridy   | NITRIDES                 | I            | I            | I            | I            | I             | I              | I            | I            | I            | G               | I            | I            | I            | I             | I            | F              | I              |
| nitrity   | NITRITES                 | G            | G            | G            | I            | D             | D              | G            | G            | I            | G <sub>Lc</sub> | I            | I            | G            | D             | G            | G              | G              |
| nitrochlorotoluén                                 | NITROCHLOROTOLUENE       | I            | G            | I            | I            | I             | I              | G            | F            | I            | I               | I            | I            | I            | D             | I            | G              | I              |
| nitrometán  | NITROMETHANE             | F            | G            | G            | D            | F             | F              | G            | G            | I            | F               | D            | D            | G            | D             | G            | G              | G              |
| octan amónny                                      | AMMONIA ACETATE          | I            | E            | G            | G            | F             | F              | E            | E            | D            | G               | G            | G            | G            | G             | G            | G              | G              |
| octan olovnatý                                    | LEAD ACETATE             | G            | G            | G            | F            | I             | I              | G            | G            | D            | F               | F            | F            | G            | G             | G            | G              | G              |
| octan zinočnatý                                   | ZINC ACETATE             | G            | G            | G            | F            | G             | G              | G            | G            | D            | G               | F            | F            | G            | G             | G            | G              | G              |
| oktán   | OCTANE                   | G            | G            | G            | F            | G             | G              | G            | G            | F            | G               | F            | F            | G            | G             | G            | G              | G              |
| olefíny   | OLEFINS                  | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | G             | G            | G              | G              |
| óleum (kyselina sírová)                           | OLEUM (SULFURIC ACID)    | D            | D            | P            | D            | D             | D              | D            | D            | D            | D               | D            | D            | P            | D             | P            | G              | P              |
| organický uhľovodík tuhý                          | ORGANIC HYDROCARBON SOL. | G            | G            | G            | I            | F             | F              | G            | G            | I            | G <sub>m</sub>  | I            | I            | G            | G             | G            | G              | G              |
| oxidi dusnatý                                     | NITRIC OXIDE             | G            | G            | G            | I            | D             | D              | G            | G            | I            | F <sub>Lc</sub> | I            | I            | G            | G             | G            | G              | G              |
| oxid siričitý                                     | SULFUR DIOXIDE           | G            | G            | G            | D            | P             | P              | G            | G            | D            | G               | D            | D            | G            | D             | G            | G              | G              |
| oxid sírový                                       | SULFUR TRIOXIDE          | G            | G            | G            | D            | D             | D              | G            | G            | D            | G               | D            | D            | G            | D             | I            | G              | G              |
| oxid uhličité                                     | CARBON DIOXIDE           | G            | G            | G            | D            | E             | E              | G            | G            | D            | G               | D            | D            | G            | I             | G            | G              | G              |
| oxid uhoľnatý                                     | CARBON MONOXIDE          | G            | G            | G            | G            | E             | E              | G            | G            | D            | G               | G            | G            | G            | G             | G            | G              | G              |
| oxid zinočnatý                                    | ZINC OXIDE               | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | G             | G            | G              | G              |
| o-xylén   | o - XYLENE               | G            | G            | G            | I            | F             | F              | G            | G            | I            | I               | I            | I            | G            | F             | G            | G              | G              |
| palivový olej (frakcia získaná z destilácie ropy) | BUNKER OIL               | G            | G            | G            | G            | G             | G              | F            | F            | G            | G               | G            | G            | G            | G             | G            | G              | F              |
| para  | STEAM                    | G            | G            | G            | F            | E             | E              | G            | G            | D            | G               | F            | F            | G            | G             | G            | G              | G              |
| parafínový vosk                                   | PARAFFIN WAX             | G            | G            | G            | I            | G             | G              | G            | G            | I            | G               | I            | I            | G            | I             | G            | G              | G              |

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| Teplotné rozpätie použitého tmelu [°C]  |                        | -6° do +371° | -6° do +287° | +4° do +371° | -6° do +232° | +93° do +426° | +121° do +815° | -6° do +260° | -6° do +315° | -6° do +121° | -45° do +204° | +4° do +148° | -6° do +204° | -6° do +371° | -40° do +398° | -6° do +648° | -117° do +204° | -117° do +260° |
|---|------------------------|--------------|--------------|--------------|--------------|---------------|----------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|----------------|----------------|
| Typ tesniaceho tmelu Check Seal™  |                        | 3B           | 4AB          | 6B           | 8AB          | 9B            | 9F             | 11 RTV       | 17 RTV       | 20           | 22 AB         | 42           | 55 R         | HTS PAK      | 357P          | RPG          | 45P Chloro-Pak | 38P Versi Pak  |
| pentán  | PENTANE                | G            | G            | G            | G            | F             | F              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| peroxid vodíka  | HYDROGEN PEROXIDE      | G            | G            | P            | F            | D             | D              | G            | G            | I            | FmL           | F            | F            | P            | D             | P            | F              | P              |
| peroxydy, anorganické   | PEROXIDES, INORGANIC   | G            | G            | P            | I            | D             | D              | G            | G            | I            | I             | I            | I            | P            | D             | P            | G              | P              |
| peroxydy, organické   | PEROXIDES, ORGANIC     | G            | G            | P            | I            | D             | D              | C            | G            | I            | Glc           | I            | I            | P            | D             | P            | G              | P              |
| plyn - procesný   | GAS - PROCESS          | G            | G            | G            | G            | F             | F              | G            | G            | F            | G             | G            | G            | G            | G             | G            | G              | G              |
| polyetylén  | POLYETHYLENE           | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | D             | G            | G              | G              |
| pribudlina  | FUSEL OIL              | I            | I            | I            | I            | I             | I              | I            | I            | I            | Gm            | I            | I            | I            | G             | G            | I              | I              |
| propán  | PROPANE                | G            | G            | G            | G            | F             | F              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| propylalkohol   | PROPYL ALCOHOL         | G            | G            | G            | G            | F             | F              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| propylén (propén)   | PROPYLENE              | G            | G            | G            | D            | G             | G              | G            | G            | F            | G             | D            | D            | G            | G             | G            | G              | G              |
| p-xyolén  | p - XYLENE             | G            | G            | G            | I            | F             | F              | G            | G            | I            | I             | I            | I            | G            | F             | G            | G              | G              |
| ricínový olej   | RED OIL (COM. GRADE)   | G            | G            | G            | G            | G             | G              | G            | G            | G            | G             | G            | G            | G            | G             | G            | G              | G              |
| riedidlo farieb   | PAINT THINNER          | G            | G            | G            | D            | G             | G              | G            | G            | F            | G             | D            | D            | G            | G             | G            | G              | G              |
| ropa  | CRUDE OIL              | G            | G            | G            | F            | G             | G              | G            | F            | I            | Gm            | F            | F            | G            | G             | G            | G              | G              |
| ropná smola   | PETROLEUM PITCH        | G            | G            | G            | F            | G             | G              | G            | G            | I            | G             | F            | F            | G            | I             | G            | G              | G              |
| ropné destiláty   | PETROLEUM SPIRITS      | G            | G            | G            | I            | G             | G              | G            | G            | I            | Gm            | I            | I            | G            | I             | G            | G              | G              |
| ropné oleje   | PETROLEUM OILS         | G            | G            | G            | G            | G             | G              | G            | G            | D            | G             | G            | G            | G            | G             | G            | G              | G              |
| ropné rozpúšťadlá   | PETROLEUM SOLVENTS     | F            | G            | G            | I            | G             | G              | G            | G            | I            | I             | I            | I            | G            | G             | G            | G              | G              |
| ropný koks  | PETROLEUM COKE         | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | I             | G            | G              | G              |
| ropný olej  | OIL-PETROLEUM          | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | G             | G            | G              | G              |
| ropný petrolej (letecký petrolej)   | KEROSINE               | G            | G            | G            | G            | G             | G              | G            | F            | Gm           | G             | G            | G            | G            | G             | G            | G              | G              |
| ropný plyn  | OIL GAS                | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | G             | G            | G              | G              |
| sadze   | SOOT                   | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | G             | G            | G              | G              |
| síra  | SULFUR                 | G            | G            | G            | D            | G             | G              | G            | G            | D            | G             | D            | D            | G            | D             | G            | G              | G              |
| síran draselný  | POTASSIUM SULFATE      | G            | G            | G            | G            | G             | G              | G            | G            | F            | G             | G            | G            | G            | G             | G            | G              | G              |
| síran nikelnatý   | NICKEL SULFATE         | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | D             | G            | G              | G              |
| síran sodný   | SODIUM SULFATE         | G            | G            | G            | G            | G             | G              | G            | G            | F            | G             | G            | G            | G            | G             | G            | G              | G              |
| síran zinočnatý   | ZINC SULFATE           | G            | G            | G            | G            | G             | G              | G            | G            | D            | G             | G            | G            | G            | G             | G            | G              | G              |
| siričitan amónny  | AMMONIUM SULFITE       | G            | G            | G            | G            | G             | G              | G            | G            | I            | G             | G            | G            | G            | I             | G            | G              | G              |
| siričitan sodný   | SODIUM SULFITE         | G            | G            | G            | G            | G             | G              | G            | F            | F            | G             | G            | G            | G            | F             | G            | G              | G              |
| sírniky   | SULFIDES               | G            | G            | G            | I            | I             | I              | G            | G            | I            | G             | I            | I            | G            | D             | G            | G              | G              |
| sírouhlík   | CARBON DISULFIDE       | G            | G            | G            | D            | G             | G              | F            | F            | F            | G             | D            | D            | G            | I             | G            | G              | G              |
| sírovodík horúci  | HYDROGEN SULFIDE HOT   | G            | G            | G            | D            | G             | G              | G            | G            | G            | D             | D            | D            | G            | D             | G            | F              | G              |
| sírovodík studený   | HYDROGEN SULFIDE COLD  | G            | G            | G            | G            | G             | G              | G            | G            | F            | G             | G            | G            | G            | D             | G            | G              | G              |
| slaná voda (morská)   | SALT WATER (SEA)       | G            | G            | G            | G            | G             | G              | G            | G            | D            | G             | G            | G            | G            | G             | G            | G              | G              |
| sodík   | SODIUM                 | D            | D            | D            | I            | D             | D              | D            | D            | I            | I             | I            | I            | D            | G             | D            | D              | D              |
| soľanka   | BRINE                  | E            | E            | E            | G            | E             | E              | E            | E            | D            | G             | G            | G            | E            | E             | E            | E              | E              |
| soľanka chlórovaná  | CHLORINATED SALT BRINE | G            | G            | G            | D            | E             | E              | G            | G            | D            | D             | D            | D            | G            | P             | G            | G              | G              |
| spalinový plyn  | FLUE GAS               | G            | G            | G            | P            | G             | G              | G            | G            | I            | G             | P            | P            | G            | G             | G            | G              | G              |
| stodardove rozpúšťadlo<br>(bezfarebný, rafinovaný ropný destilát bez zápachu, ktorý vriete v rozmedzí približne od 148,8°C do 204,4°C)  | STODDARD SOLVENT       | G            | G            | G            | G            | G             | G              | G            | G            | F            | Fm            | G            | G            | G            | G             | G            | G              | G              |
| styrén (monomér)  | STYRENE (MONOMER)      | F            | G            | G            | D            | F             | F              | G            | G            | D            | Fm            | D            | D            | G            | D             | G            | G              | G              |
| sulfátový lúh<br>(kvapalina pozostávajúca zo zmesi bieleho lúhu, vodného kameňa, kondenzovanej pary a slabého čierneho lúhu; zo sulfátového procesu transformácie dreva na drevnú buničinu) | KRAFT LIQUOR           | F            | F            | I            | I            | I             | I              | F            | F            | I            | I             | I            | I            | I            | D             | I            | G              | I              |
| sulfid amónny   | AMMONIUM SULFIDE       | G            | G            | G            | G            | G             | G              | G            | I            | D            | G             | G            | G            | G            | I             | G            | G              | G              |
| sulfid draselný   | POTASSIUM SULFIDE      | G            | G            | G            | G            | P             | P              | G            | G            | F            | G             | G            | G            | G            | I             | G            | G              | G              |
| surový plyn   | RAW GAS                | G            | G            | G            | I            | G             | G              | G            | G            | I            | G             | I            | I            | G            | G             | G            | G              | G              |
| syntetický plyn   | SYN GAS                | G            | G            | G            | I            | E             | E              | G            | G            | I            | G             | I            | I            | G            | G             | G            | G              | G              |

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Vysvetlivky skratiek chemickej kompatibility:

I = nedostatočné dáta; D = nepoužívať; E = vynikajúca; G = dobrá; F = slušná; P = zlá; ? = overte podmienky s naším zástupcom; m = možnosť zmiešania; R = možnosť chemickej reakcie; Lc/L = kompatibility závisí od teploty, pri maximálnej koncentrácii chemickej látky sa pri maximálnej teplote začne tesniaci tmel rozpadať



| Teplotné rozpätie použitého tmelu [°C]  |                                     | -6° do +371° | -6° do +287° | +4° do +371° | -6° do +232° | +93° do +426° | +121° do +815° | -6° do +260° | -6° do +315° | -6° do +121° | -45° do +204°  | +4° do +148° | -6° do +204° | -6° do +371° | -40° do +398° | -6° do +648° | -117° do +204° | -117° do +260° |
|---|-------------------------------------|--------------|--------------|--------------|--------------|---------------|----------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|---------------|--------------|----------------|----------------|
| Typ tesniaceho tmelu Check Seal™  |                                     | 3B           | 4AB          | 6B           | 8AB          | 9B            | 9F             | 11 RTV       | 17 RTV       | 20           | 22 AB          | 42           | 55 R         | HTS PAK      | 357P          | RPG          | 45P Chloro Pak | 38P Versi Pak  |
| tekutina z rastlín na výrobu papiera (borovica, topol, tráva)   | PAPER STOCK                         | F            | G            | G            | I            | F             | F              | G            | G            | I            | G              | I            | I            | G            | D             | G            | G              | G              |
| terciárny butylalkohol  | TBA                                 | G            | G            | G            | F            | G             | G              | G            | G            | F            | G              | F            | F            | G            | I             | G            | G              | G              |
| tetraetyl olova   | LEAD TETRAETHYL                     | G            | G            | G            | I            | P             | P              | G            | I            | I            | G              | I            | I            | G            | D             | G            | G              | G              |
| tetraetylolovo  | TETRAETHYL LEAD                     | G            | G            | G            | F            | P             | P              | G            | G            | I            | D              | F            | F            | G            | G             | G            | G              | G              |
| tetrachlórmetán   | CARBON TETRACHLORIDE                | F            | G            | G            | F            | P             | P              | G            | G            | I            | F              | F            | F            | G            | I             | G            | G              | G              |
| tetralín  | TETRALIN                            | P            | G            | G            | D            | P             | P              | I            | G            | D            | G <sub>m</sub> | D            | D            | G            | I             | G            | G              | G              |
| toluén  | METHYL BENZENE                      | G            | G            | G            | I            | F             | F              | G            | G            | I            | G <sub>m</sub> | I            | I            | G            | D             | G            | G              | G              |
| toluén  | TOLUENE                             | P            | G            | G            | D            | F             | F              | G            | G            | F            | F <sub>m</sub> | D            | D            | G            | F             | G            | G              | G              |
| toluéndiizokyanát   | TDI                                 | G            | G            | G            | I            | P             | P              | G            | G            | I            | G <sub>R</sub> | I            | I            | G            | I             | G            | G              | G              |
| transformátorový olej   | TRANSFORMER OIL                     | G            | G            | G            | G            | G             | G              | G            | G            | G            | G              | G            | G            | G            | G             | G            | G              | G              |
| trietylamin   | TRIETHYLAMINE                       | G            | G            | G            | I            | G             | G              | G            | G            | D            | G              | I            | I            | G            | G             | G            | G              | G              |
| trochlóretylén  | TRICHLOROETHYLENE                   | P            | G            | G            | I            | P             | P              | G            | G            | D            | G <sub>m</sub> | I            | I            | G            | D             | G            | G              | G              |
| uhlíčitán draselný  | POTASSIUM CARBONATE                 | G            | G            | G            | G            | G             | G              | G            | G            | I            | G              | G            | G            | G            | G             | G            | G              | G              |
| uholný decht  | COAL TAR                            | G            | G            | G            | G            | E             | E              | G            | G            | I            | G              | G            | G            | G            | G             | G            | G              | G              |
| vduch   | AIR                                 | E            | E            | G            | E            | E             | E              | E            | E            | G            | G              | G            | G            | G            | E             | G            | G              | G              |
| vinyl acetát  | VINYL ACETATE                       | G            | G            | G            | I            | G             | E              | G            | G            | I            | G              | I            | I            | G            | I             | G            | G              | G              |
| vinyl chlorid   | VINYL CHLORIDE                      | I            | G            | I            | I            | I             | I              | G            | I            | I            | F <sub>m</sub> | I            | I            | I            | I             | G            | G              | I              |
| vinyl chlorid monomér   | VINYL CHLORIDE MONOMER              | P            | G            | G            | I            | F             | F              | G            | G            | I            | F <sub>m</sub> | I            | I            | G            | I             | G            | G              | G              |
| voda  | WATER                               | G            | G            | G            | G            | G             | G              | G            | G            | D            | G              | G            | G            | G            | D             | G            | G              | G              |
| vodík   | HYDROGEN                            | G            | G            | G            | G            | G             | G              | G            | G            | I            | G              | G            | G            | G            | G             | G            | G              | G              |
| vodná para (plyn)   | WATER GAS                           | G            | G            | G            | I            | E             | E              | G            | G            | I            | G              | I            | I            | G            | G             | G            | G              | G              |
| vodné sklo  | WATER GLASS                         | G            | G            | G            | I            | E             | E              | G            | G            | I            | G              | I            | I            | G            | G             | G            | G              | G              |
| výfukový plyn   | TAIL GAS                            | G            | G            | G            | I            | G             | G              | G            | G            | I            | G              | I            | I            | G            | G             | G            | G              | G              |
| vykurovací olej   | FUEL OIL                            | G            | G            | G            | G            | G             | G              | G            | G            | G            | G <sub>m</sub> | G            | G            | G            | G             | G            | G              | G              |
| zelený lúh<br>(rozpuštený roztavený uhlí<br>sírník sodný a iné zlučiny z regenerácie<br>kotla v sulfátovom procese) | GREEN LIQUOR<br><i>čítan sodný;</i> | G            | G            | G            | F            | G             | G              | G            | G            | D            | F <sub>m</sub> | F            | F            | G            | I             | G            | G              | G              |
| zemný plyn (prírodný)   | NATURAL GAS                         | G            | G            | G            | G            | G             | G              | P            | G            | F            | G              | G            | G            | G            | G             | G            | G              | G              |
| zlúčeniny olova   | LEAD COMPOUNDS                      | G            | G            | G            | I            | G             | G              | G            | G            | I            | G              | I            | I            | G            | G             | G            | G              | G              |

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## Tesniace tmely a pasty Check Seal™ pre utesnenie únikov za prevádzky



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Spoločnosť **South Coast Products (SOCO)** je svetovým lídrom v technológii opráv únikov za prevádzky s vyše 50 ročnými skúsenosťami v oblasti výroby tesniacich tmelov pre utesňovanie únikov.

Tesniace tmely a pasty Check Seal™ sú vhodné pre **utesnenie všetkých typov únikov** na priemyselných potrubíach, zariadeniach a technológiách.

Tesniace tmely Check Seal™ sa používajú najmä na opravu a utesnenie únikov **za prevádzky, pod tlakom:**

- únik na potrubí,
- únik na prírubovom alebo závitovom spoji,
- únik na uzávere,
- špeciálne tmely na utesnenie kritických spojov a ďalšie aplikácie.

